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PEGGY M. HATCH
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20090015
Agency Interest No.: 2617

Mr. Keith Wahoske
Vice President
PO Box 430
Zachary, LA 70791-0430

RE: Part 70 Operating Permit Minor Modification, Georgia-Pacific Consumer Operations LLC - Port Hudson Operations, Zachary, East Baton Rouge Parish, Louisiana

Dear Mr. Wahoske:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on August 22, 2010, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2010.

Permit No.: 0840-00010-V8

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN: rjj

c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

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I. Background

The Port Hudson Operations, an existing pulp and paper mill owned and operated by Georgia-Pacific Consumer Operations LLC began operation in May of 2001. The facility is located on the east bank of the Mississippi River, near Port Hudson, East Baton Rouge Parish. The mill currently operates under Permit No. 0840-00010-V7, issued January 4, 2010. The Port Hudson Operations also operate under Permit Nos. PSD-LA-544(M-1), PSD-LA-581(M-4), and 3073-V0.

This is the Part 70 operating permit modification for the facility. This Part 70 operating permit is for all emission points at the mill and includes provisions of PSD-LA-544(M-1) and PSD-LA-581(M-4).

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Georgia-Pacific Consumer Operations LLC on November 19, 2009 requesting a Part 70 operating permit minor modification. An addendum dated January 25, 2010 was also received.

III. Description

Logs and purchased chips are received via truck and/or railcar. Logs are stored on hardwood and softwood log piles and then routed to the debarking drum where bark/dirt is removed prior to chipping. Reclaimed bark is stored in piles for later use as fuel. The debarked logs are sent to a chipper, where logs are reduced to chip fragments and conveyed to chip piles and then to the scalpers and chip screens. The chips are sorted, screened, and stored in the chip piles area.

The softwood chips from the chip piles are conveyed to the batch chip bin associated with the No. 3 Fiber Line and then to the batch digesters. Cooking chemicals (liquors) and additives are then added to the digesters prior to the cooking cycle. The cooked material is blown from the digester to the blow tank and then routed to the knotters to remove knots. Exhaust gases generated during pulping are routed to the turpentine collection system, and then to the lime kilns for incineration. Rejects from the knotters are sent back to the digesters for re-cooking. The acceptable fiber (pulp) is sent to the brownstock washers to recover residual cooking liquor, which is then sent to the recovery system. Pulp is screened, re-washed, and then stored in high density storage tanks.

The hardwood chips are cooked in the Kamyr (No. 1 Fiber Line) and ESCO (No. 2 Fiber Line) continuous digesters. Chips are pressure-fed into a steaming vessel and then into the

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digester of the Kamyr Line. Chips are also sent to the ESCO chip bin through a cyclone, into the ESCO presteamer through the presteaming bin, and then into the ESCO continuous digester. Chips are cooked with liquors and additives. The pulp is washed, screened, rewashed, and stored in the brownstock storage tanks.

The recovered black liquor, either from onsite or offsite sources, is sent to the multi-effect evaporators and then to the concentrators for water removal. The concentrated black liquor is burned in two recovery furnaces to reclaim chemicals and heat value. The molten chemicals (smelt) from the furnaces are dissolved in weak wash (from the recausticizing area mud and dregs washers) and/or water to form green liquor which is then sent to the clarifier to remove settled solids. At the slaker, new and/or reburned lime (calcium oxide, CaO) is added to convert clear green liquor to white liquor. Lime mud (CaCO_3) is removed from the white liquor and sent to the limekilns to recover CaO. White liquor is recycled to the digesters.

At the mill's three bleach plants, pulp (unbleached brownstock) is bleached using chlorine dioxide in an elemental chlorine free (ECF) bleaching sequence. The pulp is then processed into paper in two fine paper machines (No. 3 and No. 4 Machines) or tissue and towel, using the tissue machine (No. 5 Machine) and towel machine (No. 6 Machine). Fine paper is shipped in rolls or converted into folio and cut-size in the converting area. Tissue and towel are shipped in rolls or converted onsite into finished consumer products.

High-volume, low-concentration (HVLC) gases generated in the brownstock washers, knotters, and screeners are collected and incinerated in the circulating fluidized bed cogeneration unit (No. 6 CFB Boiler – EPN 130) or the No. 5 Power Boiler. Low-volume, high-concentration (LVHC) gases from the digesters blow tanks, evaporators, concentrators, and turpentine system, are collected and combusted in the lime kilns.

The mill operates two primary boilers to satisfy the steam demand. The No. 6 circulating fluidized bed cogeneration unit, which combusts bark, wood waste, paper sludge, and petroleum coke, is the primary steam-generating unit. The No. 5 Power Boiler is fueled only by natural gas and will be utilized as the swing boiler and backup HVLC-gas combustion unit. The No. 1 Combination Boiler (bark and natural gas) may be used if there is an extended shut down of the No. 6 CFB Boiler or if operational problems with the No. 5 Boiler require a second backup HVLC-gas combustion unit. Other equipment at the mill includes a wastewater treatment system, landfills, storage tanks, and water-cooling towers.

The following changes are being requested in this minor modification:

- Updates to the emission rates of several of the emission sources at the facility based on new emission factors provided by the National Council for Air and Stream Improvement (NCASI);

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- Establishment of a mass emission rate for the No. 3 and No. 4 Paper Machines, the mill's two fine paper machines. The No. 3 and No. 4 Paper Machine Emissions CAP (GRP 020/EPN 173) will provide operational flexibility for the paper machines;
- Incorporation of the Emergency Storm Water Pump Engine (EQT 145/EPN 171). This engine was approved by General Permit No. 3073-V0, issued on March 20, 2009;
- Deletion of the emission point associated with the startup and shutdown emissions of No. 6 CFB Boiler (EQT 133). Recent data indicates that during periods of startup and shutdown, the boiler does not exceed permitted limits. Therefore, GP has requested that this emission point and its associated emissions be removed;
- Renaming of FUG 007 from No. 6 TM Converting Operation Fugitives to Tissue/Towel Converting Operations. This designation more closely represents the actual configuration of this source. GP is also providing TAP speciation of the currently-permitted VOC emissions for this source based on current practices and to provide operational flexibility in the use of various glues utilized in finished tissue production. There will be no change to the currently permitted total VOC emission from this source, but incorporation of volatile TAP speciation will affect total permitted TAP emissions from the mill;
- Establishment of a VOC mass emission rate for the No. 5 Tissue Machine and No. 6 Towel Machine. The mass emission rate will provide operational flexibility and is more reflective of the area source nature of VOC emissions from the tissue/towel machines. The mass emission rate will incorporate No. 5 Tissue Machine VOC sources and emissions into the existing TM No. 6 VOC Emissions CAP (GRP 010). The name of group will now be changed from TM No. 6 VOC Emissions CAP to Tissue/Towel Machine Operations VOC Emissions CAP;
- VOC emissions from the No. 5 Tissue Machine and No. 6 Towel Machine are being updated to provide TAP emissions estimates that are more representative of chemical additives used in the tissue/towel production process and to provide operational flexibility. No maximum hourly emission rates will be defined for the No. 5 Fugitives (FUG 014), the No. 6 Fugitives (FUG 006), and the Tissue/Towel Converting Operations (FUG 007) due to variability in the chemical additives' compositions;
- Changes in the permitted PM₁₀ emissions from the No. 5 Tissue Machine;

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- Replacement of the Caustic/Liquor Tank No. 4 (EQT 044). The existing 94,000 gallon tank will be demolished and a pre-owned 31,000 gallon tank will be used instead on the existing tank foundation;
- Deletion of the No. 5 TM Conveying Scrubber (EQT 132). The source was permitted as a part of the No. 6 TM construction in 2002 and was intended to convey tissue converting trim from the No. 5 TM to the No. 6 TM repulper. This source was never constructed;
- Correction of the 40 CFR 60 Subpart Db NO_x standard for the No. 6 CFB Boiler. The currently effective permit contains a NO_x standard of 0.70 lb/MMBtu (300 ng/J), which is consistent with pulverized coal under 40 CFR 60.44b(a). The correct value should be 0.60 lb/MMBtu (260 ng/J), which is consistent with fluidized bed combustion;
- Inclusion of the No. 1 Bleach Plant E Stage Vents (EQT 127) and No. 2 Bleach Plant E Stage Vents (EQT 128) in the existing Nos. 1 and 2 Bleach Plant Emissions CAP (GRP 007). This change will allow operational flexibility for the two hardwood line bleach plants. No increase in emissions will occur due to this rearrangement;
- Updates to the facility's insignificant activities list; and
- Correction of stack parameters in the "Inventories" section of the permit.

Estimated emissions, in tons per year, are as follows:

Pollutant	Before	After	Change⁽¹⁾
PM ₁₀	828.52	830.08	+ 1.56
SO ₂	1,817.40	1815.28	- 2.12
NO _x	2,220.93	2220.11	- 0.82
CO	4,676.80	4674.09	- 2.71
VOC	891.17	921.67	+ 30.50
TRS ^[3]	86.90	127.69	+40.79

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAP)			
Pollutant	Before	After	Change⁽¹⁾
1,1,1-Trichloroethane*	0.04	0.23	+ 0.19
1,1,2-Trichloroethane	0.09	0.13	0.04
1,2,4-Trichlorobenzene	2.53	2.07	- 0.46
1,2-Dibromoethane	0.01	0.01	-
1,2-Dichloroethane	0.13	0.11	- 0.02
1,2-Dichloropropane	0.02	0.02	-
1,3-Butadiene	-	0.028	+ 0.028
1,4-Dioxane	-	0.01	+ 0.01
2,2,4-Trimethylpentane	< 0.01	0.01	+ 0.01
2,4-Dinitrophenol	< 0.01	0.01	+ 0.01
2,4-Dinitrotoluene	< 0.01	0.01	+ 0.01
2-Chloroacetophenone	< 0.01	0.01	+ 0.01
2-Methylnaphthalene ^[2]	-	-	-
4,6-Dinitro-o-cresol	< 0.01	0.01	+ 0.01
4-Nitrophenol	< 0.01	0.01	+ 0.01
Acetaldehyde	49.99	43.18	- 6.81
Acetophenone	-	0.01	+ 0.01
Acrolein	0.98	1.12	+ 0.14
Acrylamide	-	0.02	+ 0.02
Acrylic acid	-	0.01	+ 0.01
Alpha-pinene ^[3]	-	-	-
Ammonia*	140.49	118.61	- 21.88
Antimony (and compounds)*	0.05	0.044	- 0.006
Arsenic (and compounds)*	0.03	0.024	- 0.006
Barium (and compounds)*	0.51	0.52	+ 0.01
Benzene	0.71	1.21	+ 0.50
Benzyl chloride	0.21	0.21	-

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAP)			
Pollutant	Before	After	Change⁽¹⁾
Beryllium (Table 51.1)*	< 0.01	0.004	+ 0.004
Beta-pinene ^[3]	-	-	-
Biphenyl	< 0.01	0.04	+ 0.04
Bis(2-ethylhexyl) phthalate	0.02	0.03	+ 0.01
Bromoform	0.01	0.01	-
Cadmium (and compounds)*	0.02	0.013	- 0.007
Carbon disulfide	1.09	1.83	+ 0.74
Carbon tetrachloride	0.06	0.32	+ 0.26
Carbonyl sulfide	< 0.01	0.04	+ 0.04
Chlorinated dibenzo furans	< 0.0001	0.00000871	+ 0.00000871
Chlorinated dibenzo-p-dioxins	0.0004	0.00006097	+ 0.0002097
Chlorine	8.08	5.90	- 2.18
Chlorine dioxide*	4.85	4.847	- 0.003
Chlorobenzene	0.16	0.15	- 0.01
Chloroethane	0.01	0.01	-
Chloroform	2.66	3.16	+ 0.50
Chloromethane	0.24	0.278	+ 0.038
Chloroprene	-	0.01	+ 0.01
Chromium VI (and compounds)*	0.04	0.025	- 0.015
Cobalt compounds*	0.01	0.01	-
Copper (and compounds)*	0.31	0.299	- 0.011
Cresols (mixed isomers)	0.23	2.41	+ 2.18
Cumene	0.08	0.31	+ 0.23
Cyanide	0.76	0.76	-
Dibutyl phthalate	0.17	0.17	-
Dichloromethane	0.82	2.01	+ 1.19
Diethanolamine	15.36	0.92	- 14.44

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAP)			
Pollutant	Before	After	Change⁽¹⁾
Diethyl sulfate	-	0.02	+ 0.02
Dimethyl sulfate	0.01	0.01	-
Ethylbenzene	0.04	0.08	+ 0.04
Ethylene glycol	-	0.38	+ 0.38
Ethylene oxide	-	0.001	+ 0.001
Formaldehyde	9.84	4.42	- 5.42
Hexachlorobenzene	< 0.01	0.01	+ 0.01
Hexachlorocyclopentadiene	0.50	1.67	+ 1.35
Hexachloroethane	0.32	6.42	+ 6.10
Hydrochloric acid*	147.08	145.05	+ 0.15
Hydrogen fluoride*	9.09	9.09	-
Hydrogen sulfide*	41.57	42.91	+ 1.34
Isophorone	0.18	0.18	-
Lead compounds*	0.08	0.107	+ 0.027
Manganese (and compounds)*	0.11	0.071	- 0.039
Mercury (and compounds)*	0.03	0.038	+ 0.008
Methanol	195.15	192.22	- 2.93
Methyl bromide	0.07	0.08	+ 0.01
Methyl ethyl ketone	16.53	14.12	- 2.41
Methyl hydrazine	0.05	0.05	-
Methyl isobutyl ketone	0.80	1.27	+ 0.47
Methyl mercaptan ^[3]	-	-	-
Methyl methacrylate	0.01	0.01	-
Methyl tert-butyl ether	0.01	0.01	-
n-Hexane	0.32	0.68	+ 0.36
Naphthalenes (and Methylnaphthalenes)	3.20	3.09	- 0.11
Nickel (and compounds)*	5.52	5.517	- 0.003

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAP)			
Pollutant	Before	After	Change^[1]
Phenol	0.62	6.37	+ 5.75
Phosphorus [*]	0.20	0.14	- 0.06
Polynuclear Aromatic Hydrocarbons (PAH)	0.76	0.918	+ 0.158
Propionaldehyde	0.34	4.21	+ 3.87
Selenium (and compounds) [*]	13.18	13.176	- 0.004
Styrene	0.58	0.84	+ 0.26
Sulfuric acid [*]	12.16	17.51	+ 5.35
Tetrachloroethylene [*]	2.67	1.33	- 1.34
Toluene	1.25	1.35	+ 0.10
Trichloroethylene	0.02	0.233	+ 0.033
Vinyl acetate	0.03	0.11	+ 0.08
Vinyl chloride	< 0.01	0.01	+ 0.01
Xylene (mixed isomers)	1.20	1.89	+ 0.69
Zinc (and compounds) [*]	0.66	0.536	- 0.124
Total TAP	695.08	667.31	- 27.77
VOC TAP	308.37	294.94	- 13.43
*Non-VOC TAP	386.71	372.37	- 14.34

- [1] Emission changes are based on either updates to emission factors or minor changes to emission sources and are not due to a major modification at the facility as defined in LAC 33:III.509.B.
- [2] 2-Methylnaphthalene is included under Naphthalenes (and Methylnaphthalenes) in LAC 33:III.5112. Table 51.1 (see Note 11). The emissions of this compound previously listed in the "Before" column have been transferred to the "Before" Naphthalene (and Methylnaphthalenes) emissions. This change has no affect on the "Before" Total TAP or "Before" VOC TAP totals.
- [3] These compounds are not toxic air pollutants and have been removed from the "Before" and "After" TAP totals. TRS emissions have been removed from the TAP list and listed separately.

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IV. Type of Review

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and Compliance Assurance Monitoring (CAM). Prevention of Significant Deterioration (PSD) does not apply to this permit action.

The facility is a major source of toxic air pollutants (TAP) pursuant to LAC 33:III.Chapter 51 and complies with the provisions of Subchapter A. Affected facilities within the Port Hudson Mill comply with the provisions of NESHAP 40 CFR 63 Subpart S and Subpart MM.

The following table lists the Class I, II and III TAPs emitted from the Port Hudson Operations along with their corresponding Minimum Emission Rate (MER). All sources which emit any Class I or Class II TAP for which the MER has been met or exceeded on a facility-wide basis must meet Maximum Achievable Control Technology (MACT) according to LAC 33:III.5109.A. MACT for these sources is described in the applicable NESHAP standards listed in Section XI. Table 1 and the Specific Requirements section of this permit.

LAC 33:III.Chapter 51 Toxic Air Pollutants (TAP)	Class	MER (lb/yr)	MER (TPY)	Annual Emission Rate (TPY)	Greater Than or Equal To MER?
Arsenic (and compounds)	I	25.0	0.0125	0.024	Yes
Benzene	I	260.0	0.13	1.21	Yes
Beryllium (and compounds)	I	25.0	0.0125	0.004	No
Cadmium (and compounds)	I	25.0	0.0125	0.013	Yes
Chromium VI (and compounds)	I	25.0	0.0125	0.025	Yes
Ethylene oxide	I	35.0	0.0175	0.001	No
Formaldehyde	I	260.0	0.13	4.42	Yes
Nickel (and compounds)	I	25.0	0.0125	5.517	Yes
Vinyl chloride	I	240.0	0.12	0.01	No
1,1,2-Trichloroethane	II	4,000.0	2.00	0.13	No
Acetaldehyde	II	700.0	0.35	43.18	Yes
Acrolein	II	25.0	0.0125	1.12	Yes
Acrylamide	II	25.0	0.0125	0.02	Yes
Antimony (and compounds)	II	37.5	0.01875	0.044	Yes
Barium (and compounds)	II	37.5	0.01875	0.52	Yes
Biphenyl	II	97.5	0.04875	0.04	No

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LAC 33:III.Chapter 51 Toxic Air Pollutants (TAP)	Class	MER (lb/yr)	MER (TPY)	Annual Emission Rate (TPY)	Greater Than or Equal To MER?
Carbon disulfide	II	2,400.0	1.20	1.83	Yes
Carbon tetrachloride	II	83.5	0.04175	0.32	Yes
Chlorinated dibenzo-p-dioxins	II	0.0001	5.0E-8	6.097E-5	Yes
Chlorinated dibenzo furans	II	0.0001	5.0E-8	8.87E-6	Yes
Chlorine Dioxide	II	25	0.0125	4.847	Yes
Chlorobenzene	II	25.0	0.0125	0.146	Yes
Chloroethane	II	20	0.01	0.01	Yes
Chloromethane	II	7,750	3.875	0.278	No
Chloroform	II	69.5	0.03475	3.16	Yes
Chloroprene	II	2,700.0	1.35	0.01	No
Copper (and compounds)	II	25.0	0.0125	0.299	Yes
Dibutyl phthalate	II	380.0	0.19	0.17	No
Dichloromethane	II	540.0	0.27	2.01	Yes
Ethyl benzene	II	20,000.0	10.00	0.082	No
Hexachlorobenzene	II	20	0.01	0.01	Yes
Hexachloroethane	II	700	0.35	6.42	Yes
Manganese (and compounds)	II	75.0	0.0375	0.071	Yes
Mercury (and compounds)	II	25.0	0.0125	0.038	Yes
Naphthalene	II	1,990.0	0.995	3.09	Yes
Phenol	II	1,400.0	0.70	6.37	Yes
Polynuclear aromatic hydrocarbons	II	25.0	0.0125	0.918	Yes
Selenium (and compounds)	II	25.0	0.0125	13.176	No
Styrene	II	2,000.0	1.00	0.84	No
Tetrachloroethylene	II	2,800.0	1.40	1.33	No
Trichloroethylene	II	900.0	0.45	0.233	No
Vinyl chloride	II	1,500	0.75	0.01	No
Xylene (mixed isomers)	II	20,000.0	10.00	1.89	No
1,1,1-Trichloroethane	III	20,000.0	10.00	0.23	No
Ammonia	III	1,200.0	0.60	118.61	Yes
Carbonyl sulfide	III	1,000	0.50	0.04	No
Chlorine	III	100.0	0.05	5.90	Yes
Cresol	III	1,600.0	0.80	2.41	Yes
Cumene	III	18,000.0	9.00	0.31	No
Ethylene glycol	III	9,000.0	4.50	0.38	No
Hydrochloric acid	III	500.0	0.25	145.05	Yes
Hydrofluoric acid	III	63.0	0.03	9.09	Yes
Hydrogen sulfide	III	1,000.0	0.50	42.91	Yes
Methanol	III	20,000.0	10.00	192.22	Yes

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LAC 33:III.Chapter 51 Toxic Air Pollutants (TAP)	Class	MER (lb/yr)	MER (TPY)	Annual Emission Rate (TPY)	Greater Than or Equal To MER?
Methyl ethyl ketone	III	20,000.0	10.00	14.12	Yes
Methyl isobutyl ketone	III	15,000.0	7.50	1.27	No
n-Hexane	III	13,000.0	6.50	0.68	No
Sulfuric acid	III	75.0	0.0375	17.51	Yes
Toluene	III	20,000.0	10.00	1.35	No
Vinyl acetate	III	2,600.0	1.30	0.11	No
Zinc (and compounds)	III	200.0	0.10	0.536	Yes

Sources which combust Group 1 virgin fossil fuels are exempt from the provisions of Subchapter A of LAC 33:III.Chapter 51, per LAC 33:III.5105.B.3.a. Sources which combust wood residue fuels are exempt from the provisions of LAC 33:III.5109 per LAC 33:III.5105.B.7

The Combination Boiler No. 1 (EPN 5/EQT099) and the No. 6 CFB Boiler (EPN 130/EQT 130) were subject to the Boiler MACT, which has been vacated. These two sources were exempt from the requirement of 40 CFR 64: Compliance Assurance Monitoring (CAM) because the Boiler MACT was proposed after November 15, 1990. However, since the Boiler MACT is now repealed and NESHAP Subpart DDDDD permit conditions no longer apply, the two boilers are no longer exempt from CAM requirements. The Combination Boiler No. 1 is subject to the PM/PM₁₀ standards of LAC 33:III.509 and Chapter 13. The No. 6 CFB Boiler is subject to the PM/PM₁₀ standards of NSPS Subpart Db. The facility is subject to provisions of PSD-LA-544(M-1) and PSD-LA-581(M-4).

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
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**Georgia-Pacific Consumer Operations LLC
Zachary, East Baton Rouge Parish, Louisiana**

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

Work Activity	Schedule	Emission Rates (tons/year)				
		PM₁₀	SO₂	NO_x	CO	VOC
Start-up/Shutdown	8 hrs/month	0.023	0.002	0.428	0.257	0.017
Solvent Parts Washers	8 weeks					1.12
Sampling Procedures	n/a					0.05
Pump Preparation	n/a					0.51
Line Preparation	n/a					2.10
Vessel Preparation/Tank Cleaning	n/a					2.97
Filter Replacement	n/a					2.64
Trial Activities	n/a					2.02

IX. Insignificant Activities

ID No.	Description	LAC 33:III.501.B.5.
-	NaClO ₃ Tank	A.4
-	No. 3 Paper Machine Broke Chest	A.4

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ID No.	Description	LAC 33:III.501.B.5.
-	No. 4 Paper Machine Broke Chest	A.4
-	No. 5 Tissue Machine Broke Chest	A.4
-	No. 1 Bleach Plant EoP Tower (1 st)	C
-	No. 1 Bleach Plant EoP Washer (1 st)	C
-	No. 1 Bleach Plant EoP Tower Seal Pot (1 st)	C
-	No. 1 Bleach Plant EoP Tower (2nd)	C
-	No. 1 Bleach Plant E Washer	C
-	No. 2 Bleach Plant E Washer	C
-	No. 2 Bleach Plant Wash Stage Tower	C
-	No. 2 Bleach Plant Wash Stage Washer	C
-	No. 2 Bleach Plant Wash Stage Seal Pot	C
-	Sulfuric Acid Tank	D
-	Paper Machine Building Roof Vents	D
-	Diesel Fuel Storage Tank (190 gal)	A.2
-	Five (5) Diesel-Fired Emergency Engines (75 HP; 2005 Model Year)	D
-	Emergency Propane Flaring	D

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33: III.										LAC 33:II.Chapter					
		509	2103	2104	2107	2111	2113	2115	5*	9	11	13	15	22	23	51*	56
EQT011	40 Wastewater Treatment Sys.																2
EQT012	45 Paper Machine No. 4																2
EQT030	63 Gasoline Storage Tank																1
EQT031	65 Paper Broke Cyclones																1
EQT035	71A No. 3&4 Starch Silo Baghouse																
EQT036	71B Wet End Starch Silo Baghouse																
EQT037	71C Bentonite Silo Baghouse																
EQT057	91 Lime Silo Baghouse No. 1																
EQT058	92 Lime Silo Baghouse No. 2																
EQT066	102A Power & Utilities C.T. 1																
EQT067	102B Power & Utilities C.T. 2																
EQT068	102C Pulp Mill C.T.																
EQT069	102D East Converting C.T.																
EQT070	102E West Converting C.T.																
EQT071	102F New Converting C.T.																
EQT072	102G Tissue Converting C.T. 1																
EQT073	102H Tissue Converting C.T. 2																
EQT074	102I No.3 Vacuum Pump C.T.																
EQT075	102J No.4 Vacuum Pump C.T.																

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33: III.										LAC 33:III, Chapter						
		509	2103	2104	2107	2111	2113	2115	5*	9	11	13	15	22	23	51*	56	59
EQT076	102K No. 6 Centr. Chiller C.T.																	
EQT077	102L No. 6 Vacuum Pump C.T.																	
EQT078	102M No. 6 Abs. Chiller C.T.																	
EQT079	105 T.M. No. 6 Vacuum Pump	1																
EQT082	108 T.M. 6 TAD Mist Elimination	1																
EQT083	109 T.M. 6 Dust Collection	1																
EQT084	110 T.M. 6 Converting Pulper	1																
EQT086	117 Wet Strength Storage Tank																	
EQT087	118 Broke System Bailer Exhaust																	
EQT088	119 No. 6 Cut-Size Sheeters Vents																	
EQT089	120 LK Coke Handling																	
EQT090	121 LK Pet Coke Mill Process																	
EQT091	122 T.M. 5 Pulper Exhaust Stack																	
EQT101	34 Bleach Plant 3 Scrubber														1			
EQT104	39 Methanol Storage Tank																	
EQT105	42 Paper Machine 3 Saveall															2		
EQT106	43 P. Mach. 3 White Water Chest															2		
EQT107	44 Paper Machine 4 Saveall															2		
EQT108	47 Slakers/Causticizers Combin.															2		
EQT110	132 PC/Coal Truck Unloading																	

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33: III.												LAC 33:III.Chapter					
		509	2103	2104	2107	2111	2113	2115	5▲	9	11	13	15	22	23	51•	56	59	
EQT116	140 Limestone Truck Unloading																		
EQT119	145 LS Day Bin Baghouse																		
EQT121	147 No. 1 Ash Silo Baghouse																		
EQT122	148 No. 2 Ash Silo Baghouse																		
EQT123	149 Process Cooling Tower																		
EQT125	153 Ash Hydration																		
EQT126	154 Wet Strength Storage Tank B																		
EQT129	157 No. 3 Bleach Plant E Stage																		
EQT130	158 Sulfuric Acid Tank 1																		
EQT131	159 Sulfuric Acid Tank 2																		
EQT132	160 No 5 TM Conveying Scrubber																		
EQT134	162 LK Raw Pet Coke Bin																		
EQT135	163 LK Ground Pet Coke Bin																		
EQT136	165 No. 6 Boiler Ammonia Tank																		
EQT137	LVHC System															1	1		
EQT138	HVLC System															1	1		
EQT139	PULP Pulping Condensates															1	1		
EQT140	166 Pet Coke Conveying System																		
EQT141	169 Boiler Ash Filter Sep. Vent																		
EQT142	170 No. 6 CFB Biomass Fuel Hndl.																		

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33: III.												LAC 33:III Chapter					
		509	2103	2104	2107	2111	2113	2115	5▲	9	11	13	15	22	23	51*	56	59	
EQT143	168 Pet Coke/Limestone Baghouse																		
EQT144	167 Limestone Conveying System																		
EQT145	171 Emergency Storm Water Pump Engine																		
FUG001	66 Paved and Unpaved Roads	1																	
FUG002	90 Lime Kiln Fugitives																		
FUG008	131 PC/Coal Storage Pile Fugitives																		
FUG009	133 PC/Coal Dump Pit Fugitives																		
FUG010	139 LS Storage Pile Fugitives																		
FUG011	141 LS Railcar Dump Pit Fugitives																		
FUG012	151 Fly Ash Loading Fugitives																		
FUG013	152 Bottom Ash Loading Fugitives																		
GRP003	76 – Recovery Furnace Emission Cap																		
EQT092	72 Recovery Furnace No. 1																		
EQT093	73 Recovery Furnace No. 2																		
GRP004	77 – Smelt Tank Emission Cap																		
EQT094	7 Smelt Tank Scrubber No. 1	1																	
EQT095	8 Smelt Tank Scrubber No. 2 –A	1																	
EQT096	9 Smelt Tank Scrubber No. 2 –B	1																	
GRP005	104 – Lime Kiln Emission Cap																		

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33: III.										LAC 33:II.Chapter						
		509	2103	2104	2107	2111	2113	2115	54	9	11	13	15	22	23	51*	56	59
EQT097	10 Lime Kiln No. 1/ Scrubber	1											1		2	1	1	
EQT098	11 Lime Kiln No. 2/ Scrubber	1											1		2	1	1	
GRP007	123 - Nos. 1 & 2 Bleach Plant Emissions CAP																	
EQT102	37 Bleach Plant 1 Scrubber														1			
EQT103	38 Bleach Plant 2 Scrubber														1			
EQT127	155 No. 1 Bleach Plant E Stage																	
EQT128	156 No. 2 Bleach Plant E Stage																	
GRP008	124 - Esco and Kamyr Chip Bins Emissions CAP																	
EQT062	96 Kamyr Chip Bin	1																
EQT065	98 ESCO Chip Bin Cyclone	-																
GRP009	125 - Nos. 1 & 2 Line Knotters Emissions CAP																	
EQT059	93 Knotter No. 1															2		
EQT060	94 Knotter No. 2															2		
GRP010	126 - Tissue/Towel Machine Operations VOC CAP																	
EQT032	68 TM No. 5 Dryer Hood Vent												2		2			
EQT033	69 TM No. 5 Vacuum Pump Vent																	
EQT034	70 TM No. 5 Wet Scrubber Vent														2			
EQT080	106 T.M. No. 6 TAD Exhaust 1																	
EQT081	107 T.M. No. 6 TAD Exhaust 2																	

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.												LAC 33:III.Chapter					
		509	2103	2104	2107	2111	2113	2115	5*	9	11	13	15	22	23	51*	56	59	
EQT085	111 T.M. 6 Yankee Aircap								1										
FUG006	1113 TM No. 6 Fugitives								1										
FUG007	1114 Tissue/Towel Converting Operations																		
FUG014	1172 TM No. 5 Fugitive Emissions																		
GRP013	138 - PC/Coal Day Bin Baghouse Vent CAP																		
EQT114	137A No.1 PC/Coal Day Bin																		
EQT115	137B No.2 PC/Coal Day Bin																		
GRP015	164 - Boilers 1, 5, & 6 Emission CAP																		
EQT099	5 Combination Boiler No. 1								1							1	2	1	
EQT100	27 Power Boiler No. 5														1	2	2		
EQT109	130 No. 6 CFB Boiler								1						1	2	1	2	
GRP016	97 - Hardwood Chips Silos CAP																		
EQT063	97A Hardwood Chip Silo Kamyr								1										
EQT064	97B Hardwood Chip Silo ESCO								1										
CRG001	Common MACT Group																		
ARE007	67A North Landfill														1				
ARE008	67B South Landfill														1				
ARE009	103 Landfill No. 3														1				
EQT013	48A Heavy Black Liquor Tank 1														1				

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ID No.	Description	LAC 33: III.										LAC 33:III, Chapter					
		509	2103	2104	2107	2111	2113	2115	54	9	11	13	15	22	23	51*	56
EQT014	48B Heavy Black Liquor Tank 2																1
EQT015	49 Batch Digester Fill Exhaust																1
EQT016	50A Bleached H.D. Tank No.1																1
EQT017	50B Bleached H.D. Tank No.2																1
EQT018	50C Bleached H.D. Tank No.3																1
EQT019	50D Bleached H.D. Tank No.4																1
EQT020	50E Bleached H.D. Tank No.5																1
EQT021	50F Bleached H.D. Tank No.6																1
EQT022	52 Lime Mud Precoat Filter																1
EQT023	55A Weak Black Liquor Tank 1																1
EQT024	55B Weak Black Liquor Tank 2																1
EQT025	55C Weak Black Liquor Tank 3																1
EQT026	56A Brownstock H.D. Tank No.1																1
EQT027	56B Brownstock H.D. Tank No.2																1
EQT028	56C Brownstock H.D. Tank No.3																1
EQT029	61 Black Liquor Pond																1
EQT033	69 TM No. 5 Vacuum Pump Vent																1
EQT038	74 Conc. Liquor Process Tank 1																1
EQT039	75 Conc. Liquor Process Tank 2																1
EQT040	78 Black Liquor Load/Unload																1

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33: III.												LAC 33:III,Chapter						
		509	2103	2104	2107	2111	2113	2115	5▲	9	11	13	15	22	23	51*	56	59		
EQT041	79A Caustic/Liquor Tank No. 1																		1	
EQT042	79B Caustic/Liquor Tank No. 2																		1	
EQT043	79C Caustic/Liquor Tank No. 3																		1	
EQT044	79D Caustic/Liquor Tank No. 4																		1	
EQT045	80 Paper Machine No. 3																		1	
EQT046	81 Paper Machine No. 4																		1	
EQT047	82 Green Liquor Stabilization Tank																		1	
EQT048	83 Green Liquor Clarifier No. 2																		1	
EQT049	84 Green Liquor Clarifier No. 4																		1	
EQT050	85A White Liquor Clarifier Tank 1																		1	
EQT051	85B White Liquor Clarifier Tank 2																		1	
EQT052	86 White Liquor Clarifier No. 3																		1	
EQT053	87 White Liquor Clarifier No. 4																		1	
EQT054	88A White Liquor Storage Tank 1																		1	
EQT055	88B White Liquor Storage Tank 2																		1	
EQT056	89 Weak Wash Storage Tank																		1	
EQT059	93 Knotter No. 1																		1	
EQT060	94 Knotter No. 2																		1	
CRG002	Common BACT Group																			

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33: III.										LAC 33:III.Chapter						
		509	2103	2104	2107	2111	2113	2115	5*	9	11	13	15	22	23	51*	56	59
EQT061	95 Batch Chip Silo		1															
EQT062	96 Kamyr Chip Bin		1															
EQT063	97A Hardwood Chip Silo Kamyr			1														
EQT064	97B Hardwood Chip Silo ESCO			1														
FUG003	99 Hardwood Handling Fugitives				1													
FUG004	100 Softwood Handling Fugitives				1													
FUG005	101 Bark Pile Fugitives				1													
UNF001	Facility-wide Requirements		1					1				1			1	1	1	1

* The regulations indicated above are State Only regulations.

▲ All LAC 33: III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

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Blank – The regulations clearly do not apply to this type of emission source.

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR		
		A	B	C	D	E	F	G	H	I	J	K	L
EQT011	40 Wastewater Treatment Sys.												
EQT012	45 Paper Machine No. 4												
EQT030	63 Gasoline Storage Tank												
EQT031	65 Paper Broke Cyclones												
EQT035	71A No. 3 & 4 Starch Silo Baghouse												
EQT036	71B Wet End Starch Silo Baghouse												
EQT037	71C Bentonite Silo Baghouse												
EQT057	91 Lime Silo Baghouse No. 1												
EQT058	92 Lime Silo Baghouse No. 2												
EQT066	102A Power & Utilities C.T. 1												
EQT067	102B Power & Utilities C.T. 2												
EQT068	102C Pulp Mill C.T.												
EQT069	102D East Converting C.T.												
EQT070	102E West Converting C.T.												
EQT071	102F New Converting C.T.												

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR		
		A	B	C	D	E	F	G	H	I	J	K	L
EQT072	102G Tissue Converting C.T. 1												
EQT073	102H Tissue Converting C.T. 2												
EQT074	102I No.3 Vacuum Pump C.T.												
EQT075	102J No.4 Vacuum Pump C.T.												
EQT076	102K No. 6 Centr. Chiller C.T.												
EQT077	102L No. 6 Vacuum Pump C.T.												
EQT078	102M No. 6 Abs. Chiller C.T.												
EQT079	105 T.M. No. 6 Vacuum Pump												
EQT082	108 T.M. 6 TAD Mist Elimination												
EQT083	109 T.M. 6 Dust Collection												
EQT084	110 T.M. 6 Converting Pulper												
EQT086	117 Wet Strength Storage Tank												
EQT087	118 Broke System Bailer Exhaust												
EQT088	119 No. 6 Cut-Size Sheeters Vents												
EQT089	120 LK Coke Handling												
EQT090	121 LK Pet Coke Mill Process												
EQT091	122 T.M. 5 Pulper Exhaust Stack												
EQT101	34 Bleach Plant 3 Scrubber												

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR			
		V	A	M	Y	III	B	II	A	S	K	M	000	2222
EQT104	39 Methanol Storage Tank												72	
EQT105	42 Paper Machine 3 Saveall												68	
EQT106	43 P. Mach. 3 White Water Chest												64	
EQT107	44 Paper Machine 4 Saveall													
EQT108	47 Slakers/Causticizers Combin.													
EQT110	132 PC/Coal Truck Unloading													
EQT116	140 Limestone Truck Unloading													
EQT119	145 LS Day Bin Baghouse													
EQT121	147 No. 1 Ash Silo Baghouse													
EQT122	148 No. 2 Ash Silo Baghouse													
EQT123	149 Process Cooling Tower													
EQT125	153 Ash Hydration													
EQT126	154 Wet Strength Storage Tank B													
EQT129	157 No. 3 Bleach Plant E Stage													
EQT130	158 Sulfuric Acid Tank 1												2	
EQT131	159 Sulfuric Acid Tank 2												2	
EQT132	160 No 5 TM Conveying Scrubber													
EQT133	161 No 6 Boiler Startup/Shutdown													

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ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR 64			40 CFR 68			40 CFR 72		
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	
EQT134	162 LK Raw Pet Coke Bin																	1	
EQT135	163 LK Ground Pet Coke Bin																	1	
EQT136	165 No. 6 Boiler Ammonia Tank																		
EQT137	LVHC System																		
EQT138	HVLC System																		
EQT139	PULP Pulping Condensates																	1	
EQT140	166 Pet Coke Conveying System																	1	
EQT141	169 Boiler Ash Filter Sep. Vent																		
EQT142	170 No. 6 CFB Biomass Fuel Hndl.																		
EQT143	168 Pet Coke/Limestone Baghouse																	1	
EQT144	167 Limestone Conveying System																	1	
EQT145	171 Emergency Storm Water Pump Engine																	1	
FUG001	66 Paved and Unpaved Roads																		
FUG002	90 Lime Kiln Fugitives																		
FUG008	131 PC/Coal Storage Pile Fugitives																		
FUG009	133 PC/Coal Dump Pit Fugitives																		
FUG010	139 LS Storage Pile Fugitives																		
FUG011	141 LS Railcar Dump Pit Fugitives																		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**Georgia-Pacific Consumer Operations LLC - Port Hudson Operations**

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ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR		
		A	B	C	D	E	F	G	H	I	J	K	L
FUG012	151 Fly Ash Loading Fugitives												
FUG013	152 Bottom Ash Loading Fugitives												
GRP003	76 - Recovery Furnace Emission Cap												
EQT092	72 Recovery Furnace No. 1												
EQT093	73 Recovery Furnace No. 2												
GRP004	77 - Smelt Tank Emission Cap												
EQT094	7 Smelt Tank Scrubber No. 1												
EQT095	8 Smelt Tank Scrubber No. 2 -A												
EQT096	9 Smelt Tank Scrubber No. 2 -B												
GRP005	104 - Lime Kiln Emission Cap												
EQT097	10 Lime Kiln No. 1/ Scrubber												
EQT098	11 Lime Kiln No. 2/ Scrubber												
GRP007	123 - Nos. 1 & 2 Bleach Plant Emissions CAP												
EQT102	37 Bleach Plant 1 Scrubber												
EQT103	38 Bleach Plant 2 Scrubber												
EQT127	155 No. 1 Bleach Plant E Stage												
EQT128	156 No. 2 Bleach Plant E Stage												

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**Georgia-Pacific Consumer Operations LLC - Port Hudson Operations**

Agency Interest No.: 2617

Georgia-Pacific Consumer Operations LLC
Zachary, East Baton Rouge Parish, Louisiana

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR		
		A	B	C	D	E	F	G	H	I	J	K	L
GRP008	124 - Esco and Kamyr Chip Bins Emissions CAP												
EQT062	96 Kamyr Chip Bin												
EQT065	98 ESCO Chip Bin Cyclone												
GRP009	125 - Nos. 1 & 2 Line Knotters Emissions CAP												
EQT059	93 Knotter No. 1												
EQT060	94 Knotter No. 2												
GRP010	126 - Tissue/Towel Machine Operations VOC CAP												
EQT032	68 TM No. 5 Dryer Hood Vent												
EQT033	69 TM No. 5 Vacuum Pump Vent												
EQT034	70 TM No. 5 Wet Scrubber Vent												
EQT080	106 T.M. No. 6 TAD Exhaust 1												
EQT081	107 T.M. No. 6 TAD Exhaust 2												
EQT085	111 T.M. 6 Yankee Aircap												
FUG006	113 TM No. 6 Fugitives												
FUG007	114 Tissue/Towel Converting Operations												
FUG014	172 TM No. 5 Fugitive Emissions												
GRP013	138 - PC/Coal Day Bin Baghouse Vent CAP												
EQT114	137A No. 1 PC/Coal Day Bin												

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**Georgia-Pacific Consumer Operations LLC - Port Hudson Operations**

Agency Interest No.: 2617

Georgia-Pacific Consumer Operations LLC
Zachary, East Baton Rouge Parish, Louisiana**X. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR		
		A	B	C	D	E	F	G	H	I	J	K	L
EQT115	137B No.2 PC/Coal Day Bin												72
GRP015	164 - Boilers 1, 5, & 6 Emission CAP												68
EQT099	5 Combination Boiler No. 1												64
EQT100	27 Power Boiler No. 5												ZZZZ
EQT109	130 No. 6 CFB Boiler												000
GRP016	97 - Hardwood Chips Silos CAP												S
EQT063	97A Hardwood Chip Silo Kamyr												A
EQT064	97B Hardwood Chip Silo ESCO												V
CGR001	Common MACT Group												M
ARE007	67A North Landfill												K
ARE008	67B South Landfill												KK
ARE009	103 Landfill No. 3												MM
EQT013	48A Heavy Black Liquor Tank 1												A
EQT014	48B Heavy Black Liquor Tank 2												V
EQT015	49 Batch Digester Fill Exhaust												M
EQT016	50A Bleached H.D. Tank No.1												A
EQT017	50B Bleached H.D. Tank No.2												V
EQT018	50C Bleached H.D. Tank No.3												M

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Agency Interest No.: 2617
Georgia-Pacific Consumer Operations LLC
Zachary, East Baton Rouge Parish, Louisiana

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR						
		A	K	D	B	Y	III	A	N	>	S	A	KK	M	000	ZZZZ	72
EQT019	50D Bleached H.D. Tank No.4																68
EQT020	50E Bleached H.D. Tank No.5																64
EQT021	50F Bleached H.D. Tank No.6																
EQT022	52 Lime Mud Precoat Filter																
EQT023	55A Weak Black Liquor Tank 1																
EQT024	55B Weak Black Liquor Tank 2																
EQT025	55C Weak Black Liquor Tank 3																
EQT026	56A Brownstock H.D. Tank No.1																
EQT027	56B Brownstock H.D. Tank No.2																
EQT028	56C Brownstock H.D. Tank No.3																
EQT029	61 Black Liquor Pond																
EQT033	69 TM No. 5 Vacuum Pump Vent																
EQT038	74 Conc. Liquor Process Tank 1																
EQT039	75 Conc. Liquor Process Tank 2																
EQT040	78 Black Liquor Load/Unload																
EQT041	79A Caustic/Liquor Tank No. 1																
EQT042	79B Caustic/Liquor Tank No. 2																
EQT043	79C Caustic/Liquor Tank No. 3																

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Agency Interest No.: 2617
Georgia-Pacific Consumer Operations LLC
Zachary, East Baton Rouge Parish, Louisiana

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Agency Interest No.: 2617

**Georgia-Pacific Consumer Operations LLC
 Zachary, East Baton Rouge Parish, Louisiana**

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 63												40 CFR 61				40 CFR 63			
		<	≥	≡	≤	≥	≡	<	≥	≡	<	≥	S	K	M	000	ZZZZ	64	68	72	
EQT063	97A Hardwood Chip Silo Kamyr																				
EQT064	97B Hardwood Chip Silo ESCO																				
FUG003	99 Hardwood Handling Fugitives																				
FUG004	100 Softwood Handling Fugitives																				
FUG005	101 Bark Pile Fugitives																				
UNF001	Facility-wide Requirements													1			1		1		

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
 Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Agency Interest No.: 2617
Georgia-Pacific Consumer Operations LLC
Zachary, East Baton Rouge Parish, Louisiana

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT013, EQT014	Storage of VOC LAC 33:III.2103	DOES NOT APPLY. Vapor Pressure < 1.5 psia
EQT016 – EQT029, EQT038, EQT039, EQT041 – EQT044, EQT047 – EQT056, EQT126	Storage of VOC LAC 33:III.2103 NSPS Subpart Kb for VOL tanks 40 CFR Part 60.110b	DOES NOT APPLY. Vapor Pressure < 1.5 psia DOES NOT MEET the definition of a storage vessel because this source is a process tank.
EQT030	NSPS Subparts K, Ka, Kb for VOL tanks - 40 CFR Part 60	DO NOT APPLY. Volume < 10,500 gallons
EQT032, EQT080, EQT081	Emission Standards for Sulfur Dioxide - LAC 33:III.1503	Exempt per LAC 33:III.1503.C
EQT059, EQT060	NESHAP Subpart S 40 CFR 63.440	Exempt per 40 CFR 63.443(a)(1)(ii).
EQT082	Emission Standards for PM - LAC 33:III.1301	DOES NOT APPLY per LAC 33:III.1301.B
EQT085	Emission Standards for Sulfur Dioxide - LAC 33:III.1503	Exempt per LAC 33:III.1503.C
EQT086	Storage of VOC LAC 33:III.2103	DOES NOT APPLY Vapor Pressure < 1.5 psia
EQT092, EQT093	Control of Emission of Smoke LAC 33:III.1101.B	Maintain opacity ≤ 20% - Subsumed by 40 CFR 63 Subpart MM. Comply with corrective action requirements of 63.864(k)(1)(ii). Violations shall be determined according to 63.864(k)(2)(ii).
EQT092, EQT093	Emission Standards for Sulfur Dioxide - LAC 33:III.1503	Limit SO ₂ from the stack gas to ≤ 2000 ppmv Subsumed by BACT
	Chemical Wood Pulping Industry LAC 33:III.2301	Maintain PM ₁₀ ≤ 4.0 lbs per eq. pulp ton and TRS ≤ 5 ppmv @ 8% O ₂ . Subsumed by BACT Maintain opacity ≤ 40%. Subsumed by NSPS Subpart BB

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Agency Interest No.: 2617
Georgia-Pacific Consumer Operations LLC
Zachary, East Baton Rouge Parish, Louisiana

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT094, EQT095, EQT096	Control of Emission of Smoke LAC 33:III.1101.B	Maintain opacity \leq 20% - Subsumed by 40 CFR 63 Subpart MM. Comply with corrective action requirements of 63.864(k)(1)(ii). Violations shall be determined according to 63.864(k)(2)(iii).
EQT094, EQT095, EQT096 (cont)	Chemical Wood Pulping Industry LAC 33:III.2301.D.2	Limit SO ₂ emissions to \leq 2000 ppmv Subsumed by BACT
EQT097 (Receives LVHC vents)	Emission Standards for Sulfur Dioxide - LAC 33:III.1503 Chemical Wood Pulping Industry LAC 33:III.2301	Exempt per LAC 33:III.1503.C 2301.D.1.c, Maintain PM \leq 1.0 lb per eq. pulp ton 2301.D.3.d, TRS \leq 20 ppmv @ 10% O ₂ , Subsumed by BACT
	NSPS Subpart BB 40 CFR 60.282(a)(3), 283(a)(5), 284(a)(42)	Shall maintain PM \leq 0.067 gr/dscf while burning gaseous fossil fuel and 0.13 gr/dscf when liquid fossil fuel is burned. TRS \leq 8 ppmv @ 10% O ₂ , with allowance for excess emissions in a quarter up to 1% of time PM and TRS limits subsumed by BACT
	NESHAP for pulp and paper industry 40 CFR 63.860(b)(1) Subpart MM	Comply with 63.862(1)(i)(C). Existing kraft lime kiln must not exceed a PM concentration in exhaust gases $>$ 0.064 g/dscf (corrected to 10% O ₂) to the atmosphere.
	Control of Emission of Smoke LAC 33:III.1101.B	PM limit subsumed by BACT. Comply with corrective action requirements of 63.864(k)(1)(ii). Violations shall be determined according to 63.864(k)(2)(iii).
EQT098 (Receives LVHC vents)	Emission Standards for Sulfur Dioxide - LAC 33:III.1503 Chemical Wood Pulping Industry LAC 33:III.2301	Maintain opacity \leq 20% - Subsumed by 40 CFR 63 Subpart MM. Comply with corrective action requirements of 63.864(k)(1)(i). Violations shall be determined according to 63.864(k)(2)(ii).
		Exempt per LAC 33:III.1503.C
		2301.D.1.c, Maintain PM \leq 1.0 lb per eq. pulp ton 2301.D.3.d, TRS \leq 20 ppmv @ 10% O ₂ , Subsumed by BACT

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Agency Interest No.: 2617
Georgia-Pacific Consumer Operations LLC
Zachary, East Baton Rouge Parish, Louisiana

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
	NSPS Subpart BB 40 CFR 60.282(a)(3), 283(a)(5), 284(a)(42)	Shall maintain $PM \leq 0.067$ gr/dscf while burning gaseous fossil fuel and 0.13 gr/dscf when liquid fossil fuel is burned. TRS ≤ 8 ppmvd @ 10% O ₂ , with allowance for excess emissions in a quarter up to 1% of time PM subsumed by MM; TRS limits subsumed by BACT
	Control of Emission of Smoke LAC 33:III.1101.B	Maintain opacity $\leq 20\%$ - Subsumed by 40 CFR 63 Subpart MM. Comply with corrective action requirements of 63.864(k)(1)(i). Violations shall be determined according to 63.864(k)(2)(ii).
EQT099 (Receives HVLC vents)	Emission Standards for Sulfur Dioxide - LAC 33:III.1503 Control of Emissions of Nitrogen Oxides - LAC 33:III.2201.C. 16	Limit SO ₂ emissions to ≤ 2000 ppmv Subsumed by BACT Wood-fired boilers that are subject to 40 CFR 60, Subpart Db are exempt from the provisions of this regulation.
EQT100 (Receives HVLC vents)	Chemical Wood Pulpding Industry LAC 33:III.2301.D.1.d Control of Emissions of Nitrogen Oxides (NO _x) - LAC 33:III.2201 Emission Standards for Sulfur Dioxide - LAC 33:III.1503 Control of Emission of Smoke LAC 33:III.1101.B	Maintain PM ≤ 0.6 lb/MM BTU heat input Subsumed by BACT Maintain NO _x ≤ 0.10 lb/MM BTU heat input Subsumed by BACT. Exempt per 1503.C Maintain opacity $\leq 20\%$ Subsumed by 40 CFR 60 Subpart D
EQT104	NSPS Subparts D for boilers 40 CFR 60.42(a), 60.44(a)(1)	Maintain NO _x ≤ 0.20 lbs/MM BTU, Subsumed by BACT Maintain opacity $\leq 20\%$ PM ≤ 0.10 lbs/MM BTU MACT is not required for methanol (Class III TAP)
EQT109	MACT Requirements LAC 33:III.15109 - State Only Acid Rain Program Permitting [LAC 33.III.505] [40CFRParts 72]	Exempt pursuant to LAC 505.A2.c.ii... Not an affected unit subject to the Acid Rain Program; Supplies less than one-third potential output to any utility distribution system

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Agency Interest No.: 2617**

Georgia-Pacific Consumer Operations LLC
Zachary, East Baton Rouge Parish, Louisiana

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT109 (cont)	Emission Standards for Sulfur Dioxide - [LAC 33:III.1503.C] Control of Emissions of NO _x [LAC 33:III.2201.C.15]	SO ₂ concentration not to exceed 2,000 ppmv on average in stack gas over 3-hour period. Subsumed by 40 CFR 60 Subpart Db.
EQT123	40 CFR 63, Subpart Q for cooling towers]	DOES NOT APPLY. The new cooling tower will not use chromium-based water treatment chemicals.
EQT130, EQT131	Storage of Volatile Organic Compounds - LAC 33:III.2103 NSPS Subpart Kb for VOC tanks 40 CFR Part 60.110b	DOES NOT APPLY. Tank does not store VOCs.
EQT130, EQT131 (cont)	MACT Requirements LAC 33:III.5109 - State Only NESHAP Subpart S 40 CFR 63.440	MACT is not required for Sulfuric Acid (Class III TAP). Shall comply with Ambient Air Standard. EXEMPT. Source emits no HAPs.
FUG007	Controlling Emissions from Printing Processes 40 CFR 63 Subpart KK 63.824(b)(2), 63.829(e)(2), and 63.830(b)(1)	Subject only to recordkeeping. Applies less than 400 kg/month of organic HAP.
UNF001 Facility-Wide	Emission Standards for Particulate Matter - LAC 33:III.Chapter 13 Waste Gas Disposal LAC 33:III.2115	Exempt per LAC 33:III.1301.B. Does not apply to the wood pulping industry. Does Not Apply. Meets exemption 2115.H.1.d

The above table provides explanation for both the exemption status and non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X of this permit.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Agency Interest No.: 2617

Georgia-Pacific Consumer Operations LLC

Zachary, East Baton Rouge Parish, Louisiana

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 2617 Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

Also Known As:	ID	Name	User Group	Start Date
	0840-00010	Georgia-Pacific Consumer Operations LLC - Port Hudson Operations	CDS Number	08-05-2002
93-0432081		Georgia-Pacific Corp	Federal Tax ID	11-21-1989
LAD062643853		Georgia-Pacific Corp - Port Hudson	Hazardous Waste Notification	08-18-1980
LA0005258		LPDES #	LPDES Permit #	06-25-2003
LAR05M630		LPDES #	LPDES Permit #	05-22-2003
LAR10C171		LPDES #	LPDES Permit #	08-08-2004
WP1235		LWDPS #	LWDPS Permit #	06-25-2003
10612		Georgia-Pacific Consumer Operations LLC	Multimedia	03-02-2007
		ORIS Code	ORIS Code	09-16-2008
		Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
LA-2162-L01		Radioactive Material License	Radiation License Number	02-01-2001
LA-450A-N01		Norm	Radiation License Number	09-21-2005
GD-033-0311		X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1989
7557		Site ID #	Solid Waste Facility No.	04-30-2001
11548		Georgia-Pacific - Port Hudson Mill	TEMPO Merge	09-09-2001
36658		Georgia-Pacific Corp	TEMPO Merge	05-29-2001
38778		Georgia-Pacific Corp - Port Hudson Operations	TEMPO Merge	06-20-2001
41614		Georgia-Pacific Corp	TEMPO Merge	12-05-2000
70791GRGPCZACHA		TRI #	Toxic Release Inventory	07-13-2004
1379		UST Case History Case Number	UST Case Number	11-21-1989
461		UST Case History Case Number	UST Case Number	11-21-1989
63		UST Case History Case Number	UST Case Number	11-21-1989
17004457		UST Facility ID (from UST legacy data)	UST FID #	10-11-2002
6009088-003-W		Tax Exempt No	Water Permitting	11-20-1989
		Physical Location:	Main FAX:	2256341803
		Mailing Address:	Main Phone:	2256341700
		Location of Front Gate:	Phone (Type)	Relationship
		Related People:	Name	Accident Prevention Billing Party for
			Ronnie Albritton	TPORD 148

General Information

AI ID: 26117 Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

Ind People:	Name	Mailing Address	Phone (Type)	Relationship
	Ronnie Albritton	PO Box 430 Zachary, LA 707910430		Solid Waste Billing Party for
	Ronnie Albritton	PO Box 430 Zachary, LA 707910430		Radiation Contact For
	Michael Franklin		2256541700 (WP)	Underground Storage Tank Contact for
	Joey Hebert	PO Box 430 Zachary, LA 70791	5046585510 (WF)	Radiation Safety Officer for
	Joey Hebert	PO Box 430 Zachary, LA 707910430	2256585599 (WP)	Radiation Safety Officer for
	William Perkins	PO Box 430 Zachary, LA 707910430	WILLIAM.PERKINS@	Emission Inventory Contact for
	William Perkins	PO Box 430 Zachary, LA 707910430	2256541803 (WP)	Emission Inventory Contact for
	William Perkins	PO Box 430 Zachary, LA 707910430	WILLIAM.PERKINS@	Emission Inventory Contact for
	William Perkins	PO Box 430 Zachary, LA 707910430	2256541803 (WP)	Emission Inventory Contact for
	Keith Whaniske	PO Box 430 Zachary, LA 707910430	2256581700 (WP)	Responsible Official for
Ind Organizations:	Name	Address	Phone (Type)	Relationship
	Georgia-Pacific Consumer Operations LLC	PO Box 430 Zachary, LA 707910430		Operates
	Georgia-Pacific Consumer Operations LLC	PO Box 430 Zachary, LA 707910430		Air Billing Party for
	Georgia-Pacific Consumer Operations LLC	PO Box 430 Zachary, LA 707910430		Water Billing Party for
	Georgia-Pacific Consumer Operations LLC	PO Box 430 Zachary, LA 707910430		Haz. Waste Billing Party for
	Georgia-Pacific Consumer Operations LLC	PO Box 430 Zachary, LA 707910430		Radiation License Billing Party for
	Georgia-Pacific Consumer Operations LLC	PO Box 430 Zachary, LA 707910430		UST Billing Party for
	Georgia-Pacific Consumer Operations LLC	PO Box 430 Zachary, LA 707910430		Radiation Registration Billing Party for
	Georgia-Pacific Consumer Operations LLC	PO Box 430 Zachary, LA 707910430	5046541700 (WP)	Emission Inventory Billing Party
	Georgia-Pacific Corp	1000 W Mount Pleasant Rd Zachary, LA 70791	5046541700 (WP)	Owns
	Georgia-Pacific Corp	1000 W Mount Pleasant Rd Zachary, LA 70791	5046541700 (WP)	Emission Inventory Billing Party
	Georgia-Pacific Corp	1000 W Mount Pleasant Rd Zachary, LA 70791		
	: Codes:			
	322121, Paper (except Newsprint) Mills			

: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. To review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Jamie Miller, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Port Hudson Operations						
ARE 0007	67A - North Landfill					8760 hr/yr
ARE 0008	67B - South Landfill					8760 hr/yr
ARE 0009	103 - Landfill No. 3					8760 hr/yr
EQT 0011	40 - Wastewater Treatment System					8760 hr/yr
EQT 0012	45 - Paper Machine No. 3, White Water Chest					8760 hr/yr
EQT 0013	48A - Heavy Black Liquor Tank No. 1 (W)	650600 gallons				8760 hr/yr
EQT 0014	48B - Heavy Black Liquor Tank No. 2 (E)	650600 gallons				8760 hr/yr
EQT 0015	49 - Batch Digester Felt Exhaust					8760 hr/yr
EQT 0016	50A - Bleached High Density Tank No. 1					8760 hr/yr
EQT 0017	50B - Bleached High Density Tank No. 2					8760 hr/yr
EQT 0018	50C - Bleached High Density Tank No. 3					8760 hr/yr
EQT 0019	50D - Bleached High Density Tank No. 4					8760 hr/yr
EQT 0020	50E - Bleached High Density Tank No. 5					8760 hr/yr
EQT 0021	50F - Bleached High Density Tank No. 6					8760 hr/yr
EQT 0022	52 - Lime Mud Precoat Filter					8760 hr/yr
EQT 0023	55A - Weak Black Liquor Tank No. 1	632000 gallons				8760 hr/yr
EQT 0024	55B - Weak Black Liquor Tank No. 2	1.02 million gallons				8760 hr/yr
EQT 0025	55C - Weak Black Liquor Tank No. 3	1.91 million gallons				8760 hr/yr
EQT 0026	56A - Brownstock H.D. Storage Tank No. 1					8760 hr/yr
EQT 0027	56B - Brownstock H.D. Storage Tank No. 2					8760 hr/yr
EQT 0028	56C - Brownstock H.D. Storage Tank No. 3					8760 hr/yr
EQT 0029	61 - Black Liquor Pond					8760 hr/yr
EQT 0030	63 - Gasoline Storage Tank	550 gallons		16500 gallons/yr		8760 hr/yr
EQT 0031	65 - Paper Broke Cyclones					8760 hr/yr
EQT 0032	68 - TM No. 5 Dyer Hood Vent		60 MM BTU/hr	57 MM BTU/hr	60 MMBTU/hr (natural gas firing rate)	8760 hr/yr
EQT 0033	69 - TM No. 5 Vacuum Pump Vent			13.54 tons/hr		8760 hr/yr
EQT 0034	70 - TM No. 5 Wet Scrubber Vent			13.54 tons/hr		8760 hr/yr
EQT 0035	71A - No. 3 & 4 Starch Silo Baghouse					8760 hr/yr
EQT 0036	71B - Wet End Starch Silo Baghouse					8760 hr/yr
EQT 0037	71C - Bentonite Silo Baghouse					8760 hr/yr
EQT 0038	74 - Concentrated Liquor Process Tank No. 1	155210 gallons				8760 hr/yr
EQT 0039	75 - Concentrated Liquor Process Tank No. 2	155210 gallons				8760 hr/yr
EQT 0040	78 - Black Liquor Loading/Unloading		80 Trucks/day	15 Trucks/day		8760 hr/yr
EQT 0041	79A - Caustic Liquor Tank No. 1	190600 gallons				8760 hr/yr
EQT 0042	79B - Caustic Liquor Tank No. 2	190600 gallons				8760 hr/yr
EQT 0043	79C - Caustic Liquor Tank No. 3	122000 gallons				8760 hr/yr

INVENTORIES

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Asset Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Hudson Operations						
T 0044	75D - Caustic Liquor Tank No. 4	31000 gallons				8760 hr/yr
T 0045	80 - Paper Machine No. 3		1400 dry tons/day	915 dry tons/day		8760 hr/yr
T 0046	81 - Paper Machine No. 4		1400 dry tons/day	950 dry tons/day		8760 hr/yr
T 0047	82 - Green Liquor Stabilization Tank					8760 hr/yr
T 0048	83 - Green Liquor Clarifier No. 2					8760 hr/yr
T 0049	84 - Green Liquor Clarifier No. 4					8760 hr/yr
T 0050	85A - White Liquor Clarifier Feed Tank No. 1	18500 gallons				8760 hr/yr
T 0051	85B - White Liquor Clarifier Feed Tank No. 2	3000 gallons				8760 hr/yr
T 0052	86 - White Liquor Clarifier No. 3					8760 hr/yr
T 0053	87 - White Liquor Clarifier No. 4					8760 hr/yr
T 0054	88A - White Liquor Storage Tank No. 1	478500 gallons				8760 hr/yr
T 0055	88B - White Liquor Storage Tank No. 2	478500 gallons				8760 hr/yr
T 0056	89 - Weak Wash Storage Tank	472000 gallons				8760 hr/yr
T 0057	91 - Lime Silo Baghouse No. 1					8760 hr/yr
T 0058	92 - Lime Silo Baghouse No. 2					8760 hr/yr
T 0059	93 - Knotter No. 1					8760 hr/yr
T 0060	94 - Knotter No. 2					8760 hr/yr
T 0061	95 - Batch Chip Silo		992435 tons/yr	992435 tons/yr		8760 hr/yr
T 0062	96 - Kamry Chip Bin		1.43 MM tons/yr	1.43 MM tons/yr		8760 hr/yr
T 0063	97A - Hardwood Chip Silo - Kamry		1.43 MM tons/yr	1.43 MM tons/yr		8760 hr/yr
T 0064	97B - Hardwood Chip Silo - ESCO		704994 tons/yr	704994 tons/yr		8760 hr/yr
T 0065	98 - ESCO Chip Bin Cyclone		704994 tons/yr	704994 tons/yr		8760 hr/yr
T 0066	102A - Power & Utilities Cooling Tower No. 1		16000 gallons/min	16000 gallons/min		8760 hr/yr
T 0067	102B - Power & Utilities Cooling Tower No. 2		13100 gallons/min	13100 gallons/min		8760 hr/yr
T 0068	102C - Pulp Mill Cooling Tower		14500 gallons/min	14500 gallons/min		8760 hr/yr
T 0069	102D - East Converting Cooling Tower		1600 gallons/min	1600 gallons/min		8760 hr/yr
T 0070	102E - West Converting Cooling Tower		1860 gallons/min	1860 gallons/min		8760 hr/yr
T 0071	102F - New Converting Cooling Tower		1000 gallons/min	1000 gallons/min		8760 hr/yr
T 0072	102G - Tissue Converting Cooling Tower No. 1		630 gallons/min	630 gallons/min		8760 hr/yr
T 0073	102H - Tissue Converting Cooling Tower No. 2		630 gallons/min	630 gallons/min		8760 hr/yr
T 0074	102I - Paper Machine No. 3 Vacuum Pump Cooling Tower		1193 gallons/min	1193 gallons/min		8760 hr/yr
T 0075	102J - Paper Machine No. 4 Vacuum Pump Cooling Tower		1000 gallons/min	1000 gallons/min		8760 hr/yr
T 0076	102K - Tissue Machine No. 6 Centrifugal Chiller Cooling Tower		1800 gallons/min	1800 gallons/min		8760 hr/yr
T 0077	102L - Tissue Machine No. 6 Vacuum Pump Cooling Tower		1200 gallons/min	1200 gallons/min		8760 hr/yr
T 0078	102M - Tissue Machine No. 6 Absorption Chiller Cooling Tower		4400 gallons/min	4400 gallons/min		8760 hr/yr
T 0079	105 - Tissue Machine No. 6 Vacuum Pump Exhaust		306 dry tons/day	306 dry tons/day		8760 hr/yr
T 0080	106 - Tissue Machine No. 6 TAD Exhaust		306 dry tons/day	306 dry tons/day		8760 hr/yr

INVENTORIES

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Port Hudson Operations						
EQT 0081	107 - Tissue Machine No. 6 TAD Exhaust 2		306 dry tons/day	306 dry tons/day		8760 hr/yr
EQT 0082	108 - Tissue Machine No. 6 Mist Elimination System		306 dry tons/day	306 dry tons/day		8760 hr/yr
EQT 0083	109 - Tissue Machine No. 6 Dust Collection System		306 dry tons/day	306 dry tons/day		8760 hr/yr
EQT 0084	110 - Tissue Machine No. 6 Converting Pulper Exhaust		30 dry tons/day	30 dry tons/day		8760 hr/yr
EQT 0085	111 - Tissue Machine No. 6 Yankee Aircap Exhaust		306 dry tons/day	306 dry tons/day		8760 hr/yr
EQT 0086	117 - Wet Strength Storage Tank	25000 gallons	4284 gallons/day			8760 hr/yr
EQT 0087	118 - Broke System Boiler Exhaust					8760 hr/yr
EQT 0088	119 - No. 8 Cut-Size Sheetter Vents					8760 hr/yr
EQT 0089	120 - LK Coke Handling					8760 hr/yr
EQT 0090	121 - LK Pet Coke Mill Process Vent					8760 hr/yr
EQT 0091	122 - Tissue Machine No. 5 Pulper Exhaust Stack		131 tons/day	96 tons/day		8760 hr/yr
EQT 0092	72 - Recovery Furnace No. 1			4 MM BTU/hr		8760 hr/yr
EQT 0093	73 - Recovery Furnace No. 2					8760 hr/yr
EQT 0094	7 - Smelt Tank Scrubber No. 1					8760 hr/yr
EQT 0095	8 - Smelt Tank Scrubber No. 2, Stack A					8760 hr/yr
EQT 0096	9 - Smelt Tank Scrubber No. 2, Stack B					8760 hr/yr
EQT 0097	10 - Lime Kiln No. 1 / Scrubber					8760 hr/yr
EQT 0098	11 - Lime Kiln No. 2 / Scrubber					8760 hr/yr
EQT 0099	5 - Combination Boiler No. 1					8760 hr/yr
EQT 0100	27 - Power Boiler No. 5					8760 hr/yr
EQT 0101	34 - Bleach Plant No. 3 Scrubber Vent					8760 hr/yr
EQT 0102	37 - Bleach Plant No. 1 Scrubber Vent					8760 hr/yr
EQT 0103	38 - Bleach Plant No. 2 Scrubber Vent					8760 hr/yr
EQT 0104	39 - Methanol Storage Tank	19122 gallons	1.44 MM gallons/yr			8760 hr/yr
EQT 0105	42 - Paper Machine No. 3, Saveall					8760 hr/yr
EQT 0106	43 - Paper Machine No. 3, White Water Chest					8760 hr/yr
EQT 0107	44 - Paper Machine No. 4, Saveall					8760 hr/yr
EQT 0108	47 - Slakers/Caustidizers Combination					8760 hr/yr
EQT 0109	120 - No. 6 CFB Boiler & Electrostatic Precipitator (ESP)		1446 MM BTU/hr	1205 MM BTU/hr		8760 hr/yr
EQT 0110	132 - PC/Coal Truck Unloading			150 tons/hr	114 tons/hr	8760 hr/yr
EQT 0114	131A - No. 1 PC/Coal Day Bin Baghouse Vent			16.7 tons/hr	16.7 tons/hr	8760 hr/yr
EQT 0115	131B - No. 2 PC/Coal Day Bin Baghouse Vent			18.7 tons/hr	16.7 tons/hr	8760 hr/yr
EQT 0116	140 - Limestone Truck Unloading			150 tons/hr	114 tons/hr	8760 hr/yr
EQT 0119	145 - No. 1 LS Day Bin Baghouse Vent			25.6 tons/hr	25.6 tons/hr	8760 hr/yr
EQT 0121	147 - No. 1 Ash Silo Baghouse Vent			23 tons/hr	23 tons/hr	8760 hr/yr
EQT 0122	148 - No. 2 Ash Silo Baghouse Vent			6.5 tons/hr	6.5 tons/hr	8760 hr/yr
EQT 0123	149 - Process Cooling Tower			30000 gallons/min	28000 gallons/min	8760 hr/yr
EQT 0125	153 - Ash Hydration			11.25 tons/hr	11.25 tons/hr	8760 hr/yr
EQT 0126	154 - Wet Strength Storage Tank B	25000 gallons	4284 gallons/day			8760 hr/yr

INVENTORIES

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Port Hudson Operations						
IT 0127	155 - No. 1 Bleach Plant E Stage Vents		1024 dry tons/day	870 dry tons/day		8760 hr/yr
IT 0128	158 - No. 2 Bleach Plant E Stage Vents		688 dry tons/day	445 dry tons/day		8760 hr/yr
IT 0129	157 - No. 3 Bleach Plant E Stage Vents		623 dry tons/day	610 dry tons/day		8760 hr/yr
IT 0130	158 - Sulfuric Acid Tank 1	71557 Gallons		3.25 MM gallons/yr		8760 hr/yr
IT 0131	159 - Sulfuric Acid Tank 2	12707 Gallons		50828 gallons/yr		8760 hr/yr
IT 0134	162 - LK Raw Pet Coke Bin Baghouse		3500 ft ³ /min (actual)	3500 ft ³ /min (actual)		8760 hr/yr
IT 0135	163 - LK Ground Pet Coke Bin Baghouse		527 ft ³ /min (actual)	527 ft ³ /min (actual)		8760 hr/yr
IT 0138	165 - No. 6 Power Boiler Ammonia Storage Tank	11345 Gallons	589940 gallons/yr	589940 gallons/yr		8760 hr/yr
IT 0137	LVHC - LVLC - LVHC System					8760 hr/yr
IT 0138	HVLC - HVLC - HVLC System					8760 hr/yr
IT 0139	PULP - PULP - Pulping Condensates				diesel fired (1.29 MMBTU/hr)	2694 hr/yr
IT 0140	166 - Pet Coke Conveying System	150 tons/hr	114 tons/hr	23 tons/hr		8760 hr/yr
IT 0141	169 - Boiler Ash Filter Separator Vent					8760 hr/yr
IT 0142	170 - No. 6 CFB Biomass Fuel Handling	285430 tons/yr	285430 tons/yr	300 tons/hr		8760 hr/yr
IT 0143	168 - Pet Coke/Limestone Baghouse Vent	300 tons/hr	228 tons/hr	150 tons/hr		2002 hr/yr
IT 0144	167 - Lime Stone Conveying System			114 tons/hr		1000 hr/yr
IT 0145	171 - Emergency Storm Water Pump Engine	173 horsepower	165 horsepower			8760 hr/yr
IG 0001	68 - Paved and Unpaved Roads					8760 hr/yr
IG 0002	90 - Lime Kiln Fugitives		8572 tons/day	5042 tons/day		8760 hr/yr
IG 0003	99 - Hardwood Handling Fugitives		2719 tons/day	1858 tons/day		8760 hr/yr
IG 0004	100 - Softwood Handling Fugitives		768 tons/day	768 tons/day		8760 hr/yr
IG 0005	101 - Bark Fugitives			306 dry tons/day		8760 hr/yr
IG 0006	113 - Tissue Machine No. 6 Fugitive Emissions			575 dry tons/day		8760 hr/yr
IG 0007	114 - Tissue/Towel Converting Operations Fugitives					8760 hr/yr
IG 0008	131 - PC/Coal Storage Pile Fugitives		114 tons/hr	114 tons/hr		2688 hr/yr
IG 0009	133 - PC/Coal Dump Pit Fugitives					8760 hr/yr
IG 0010	139 - Limestone Storage Pile Fugitives					1988 hr/yr
IG 0011	141 - Limestone Railcar Dump Pit Fugitives					8760 hr/yr
IG 0012	151 - Fly Ash Loading Fugitives		16 tons/hr	16 tons/hr		8760 hr/yr
IG 0013	152 - Bottom Ash Loading Fugitives		6.5 tons/hr	6.5 tons/hr		8760 hr/yr
IG 0014	172 - TM No. 5 Fugitive Emissions					8760 hr/yr
Port Hudson Operations:						
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Temperature (°F)
RE 0007	67A - North Landfill	.03	25			77
RE 0008	67B - South Landfill	.03	25			77

INVENTORIES

AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-Y8
 Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Port Hudson Operations							
ARE 0009 103 - Landfill No. 3		.03	.25				77
EQT 0011 40 - Wastewater Treatment System		.03	.25				77
EQT 0012 45 - Paper Machine No. 3, White Water Chest		.37	7000	2			94 117
EQT 0013 48A - Heavy Black Liquor Tank No. 1 (W)				2			52 77
EQT 0014 48B - Heavy Black Liquor Tank No. 2 (E)				1.2			52 77
EQT 0015 49 - Batch Digester Fill Exhaust				4			100.5 77
EQT 0016 50A - Bleached High Density Tank No. 1		.03	.25				95 77
EQT 0017 50B - Bleached High Density Tank No. 2		.03	.3				101 77
EQT 0018 50C - Bleached High Density Tank No. 3		.03	.3				122 77
EQT 0019 50D - Bleached High Density Tank No. 4		.03	.3				122 77
EQT 0020 50E - Bleached High Density Tank No. 5		.03	.3				122 77
EQT 0021 50F - Bleached High Density Tank No. 6		.03	.3				122 77
EQT 0022 52 - Lime Mud Precoat Filter		1	32.5	.83			7 140
EQT 0023 55A - Weak Black Liquor Tank No. 1				2.5			36 77
EQT 0024 55B - Weak Black Liquor Tank No. 2				2.5			44 77
EQT 0025 55C - Weak Black Liquor Tank No. 3				2.5			44 77
EQT 0026 56A - Brownstock H.D. Storage Tank No. 1		.03	.3				96 77
EQT 0027 56B - Brownstock H.D. Storage Tank No. 2		.03	.3				102 77
EQT 0028 56C - Brownstock H.D. Storage Tank No. 3		.03	.3				78 77
EQT 0029 61 - Black Liquor Pond		.03	.25				77
EQT 0030 63 - Gasoline Storage Tank		.03	.25				77
EQT 0031 65 - Paper Brake Cyclones		.03	.25				77
EQT 0032 68 - TM No. 5 Dyer Hood Vent		.76	66360	4.3			69 130
EQT 0033 69 - TM No. 5 Vacuum Pump Vent		.4234	40400	4.5			69 120
EQT 0034 70 - TM No. 5 Wet Scrubber Vent		.54	63750	5	9		69 120
EQT 0035 71A - No. 3 & 4 Starch Silo Baghouse		.121	1005	.42			11.5 77
EQT 0036 71B - Wet End Starch Silo Baghouse		.60	500	.42			60 77
EQT 0037 71C - Banonite Silo Baghouse		.120	1000	.42			11 77
EQT 0038 74 - Concentrated Liquor Process Tank No. 1							158 248
EQT 0039 75 - Concentrated Liquor Process Tank No. 2							156 248
EQT 0040 78 - Black Liquor Loading/Unloading							77
EQT 0041 79A - Caustic/Liquor Tank No. 1							38 77

INVENTORIES

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

ck Information:	ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
1 Hudson Operations								
	IT 0042	79B - Caustic Liquor Tank No. 2			.4		38	
	IT 0043	79C - Caustic Liquor Tank No. 3			.4		38	77
	IT 0044	79D - Caustic Liquor Tank No. 4			.4		42	77
	IT 0045	80 - Paper Machine No. 3	.03	.25			77	
	IT 0046	81 - Paper Machine No. 4					77	
	IT 0047	82 - Green Liquor Stabilization Tank	.03	.25			32	77
	IT 0048	83 - Green Liquor Clarifier No. 2	.03	.25			120	
	IT 0049	84 - Green Liquor Clarifier No. 4	.03	.25			120	
	IT 0050	85A - White Liquor Clarifier Feed Tank No. 1	.03	.2			15	77
	IT 0051	85B - White Liquor Clarifier Feed Tank No. 2	.03	.2			15	77
	IT 0052	86 - White Liquor Clarifier No. 3	.03	.25			120	
	IT 0053	87 - White Liquor Clarifier No. 4	.03	.25			120	
	IT 0054	88A - White Liquor Storage Tank No. 1	.03	.25			44	77
	IT 0055	88B - White Liquor Storage Tank No. 2	.03	.67			44	77
	IT 0056	89 - Weak Wash Storage Tank	.03	.25			44	77
	IT 0057	91 - Lime Silo Baghouse No. 1	.03	.7			57.5	77
	IT 0058	92 - Lime Silo Baghouse No. 2	.03	.7			68.5	77
	IT 0059	93 - Knotter No. 1	.03	.25			34.5	77
	IT 0060	94 - Knotter No. 2	.03	.25			34.5	77
	IT 0061	95 - Batch Chip Silo	.03	.25			80	
	IT 0082	98 - Kamyr Chip Bin	.03	.25			80	
	IT 0063	97A - Hardwood Chip Silo - Kamyr	.03	.30			76	77
	IT 0064	97B - Hardwood Chip Silo - ESCO	.03	.30			82	77
	IT 0065	98 - ESCO Chip Bin Cyclone	.03	.32			173	77
	IT 0086	102A - Power & Utilities Cooling Tower No. 1	.03	.25			44.5	77
	IT 0087	102B - Power & Utilities Cooling Tower No. 2	.03	.25			36	77
	IT 0068	102C - Pulp Mill Cooling Tower	.03	.25			34	77
	IT 0069	102D - East Converting Cooling Tower	.03	.25			10.8	77
	IT 0070	102E - West Converting Cooling Tower	.03	.25			9	77
	IT 0071	102F - New Converting Cooling Tower	.03	.25			28	77
	IT 0072	102G - Tissue Converting Cooling Tower No. 1	.03	.25			11	77
	IT 0073	102H - Tissue Converting Cooling Tower No. 2	.03	.25			11	77

INVENTORIES

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Port Hudson Operations							
EQT 0074 1021 - Paper Machine No. 3 Vacuum Pump Cooling Tower		.03	.25			11	77
EQT 0075 102J - Paper Machine No. 4 Vacuum Pump Cooling Tower		.03	.25			11	77
EQT 0076 102K - Tissue Machine No. 6 Centrifugal Chiller Cooling Tower		.03	.25			11	77
EQT 0077 102L - Tissue Machine No. 6 Vacuum Pump Cooling Tower		.03	.25			11	77
EQT 0078 102M - Tissue Machine No. 6 Absorption Chiller Cooling Tower		.03	.25			11	77
EQT 0079 105 - Tissue Machine No. 6 Vacuum Pump Exhaust		50.9	60000	5		70	130
EQT 0080 106 - Tissue Machine No. 6 TAD Exhaust 1		60.3	120000	6.5		125	250
EQT 0081 107 - Tissue Machine No. 6 TAD Exhaust 2		50.9	60000	5		125	250
EQT 0082 108 - Tissue Machine No. 6 Mist Elimination System		51.6	73000	5.5		110	125
EQT 0083 109 - Tissue Machine No. 6 Dust Collection System		57.3	12700	6.7		125	102
EQT 0084 110 - Tissue Machine No. 6 Converting Pulper Exhaust		63.7	12000	2		67	140
EQT 0085 111 - Tissue Machine No. 6 Yankee Aircap Exhaust		55.8	37000	3.75		125	400
EQT 0086 117 - Wet Strength Storage Tank		.03	.25			30	77
EQT 0087 118 - Broke System Boiler Exhaust		.03	.5			42	77
EQT 0088 119 - No. 6 Cut Size Sheetlet Vents		.03	.5			42	77
EQT 0089 120 - LK Coke Handling		.03	.25			60	80
EQT 0090 121 - LK Pet Coke Mill Process Vent		.03	1.5			200	325
EQT 0091 122 - Tissue Machine No. 5 Pulper Exhaust Stack		.03	.25			200	80
EQT 0092 72 - Recovery Furnace No. 1		60339	320200	11		200	190
EQT 0093 73 - Recovery Furnace No. 2		60339	455438	11		200	190
EQT 0094 7 - Smell Tank Scrubber No. 1		32	18473	3.5		200	160
EQT 0095 8 - Smell Tank Scrubber No. 2, Stack A		21	20039	4.5		200	180
EQT 0096 9 - Smell Tank Scrubber No. 2, Stack B		21	20039	4.5		200	155
EQT 0097 10 - Lime Kiln No. 1 / Scrubber		19.6	39623	6.5		150	160
EQT 0098 11 - Lime Kiln No. 2 / Scrubber		24.1	82054	6.5		150	177
EQT 0099 5 - Combination Boiler No. 1		24.7	140839	11		200	345
EQT 0100 27 - Power Boiler No. 5		60.1	283003	10		213	345
EQT 0101 34 - Bleach Plant No. 3 Scrubber Vent		35.8	2851	1.3		125	130
EQT 0102 37 - Bleach Plant No. 1 Scrubber Vent		95999	40715	3		136	140
EQT 0103 38 - Bleach Plant No. 2 Scrubber Vent		67889	19998	2.5		86	140
EQT 0104 39 - Methanol Storage Tank		39.5	199080	1.33		77	102
EQT 0105 42 - Paper Machine No. 3, Saveall						78.5	

INVENTORIES

AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Category Information:	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Hudson Operations							
JT 0106 43 - Paper Machine No. 3. White Water Chest		.37	7000	.2		94	117
JT 0107 44 - Paper Machine No. 4. Saveall		.40 .3	256800	1.5		79.5	113
JT 0108 47 - Slakers/Causticizers Combination		.5	6	.5		8	180
JT 0109 130 - No. 8 CFB Boiler & Electrostatic Precipitator (ESP)		.47	319322	.12		200	165
JT 0110 132 - PC/Coal Truck Unloading				.03	.25		77
JT 0114 137A - No. 1 PC/Coal Day Bin Baghouse Vent		.26	4500		.36	79	150
JT 0115 137B - No. 2 PC/Coal Day Bin Baghouse Vent		.28	4500		.36	79	150
JT 0116 140 - Limestone Truck Unloading				.03	.25		77
JT 0119 145 - No. 1 S Day Bin Baghouse Vent		.34	4500		.26 .7	79	150
JT 0121 147 - No. 1 Ash Silo Baghouse Vent				2200	.25		100
JT 0122 148 - No. 2 Ash Silo Baghouse Vent				2200	.25		100
JT 0123 149 - Process Cooling Tower		.28 .4	835400	.22		38.75	80
JT 0125 153 - Ash Hydration				.03	.25		77
JT 0126 154 - Wet Strength Storage Tank B				.03	.25	30	77
JT 0127 155 - No. 1 Bleach Plant E Stage Vents				.03	.25	136	77
JT 0128 156 - No. 2 Bleach Plant E Stage Vents				.03	.25	86	77
JT 0129 157 - No. 3 Bleach Plant E Stage Vents				.03	.25	125	77
JT 0130 158 - Sulfuric Acid Tank 1				.03	.23	23	77
JT 0131 159 - Sulfuric Acid Tank 2				.03	.12	15	77
JT 0134 162 - LK Raw Pet Coke Bin Baghouse				.03	.2.5		77
JT 0135 163 - LK Ground Pet Coke Bin Baghouse				.03	.2.5		77
JT 0136 165 - No. 6 Power Boiler Ammonia Storage Tank				.03	.2.5	146	200
JT 0141 169 - Boiler Ash Filter Separator Vent				.84 .9	.3989	1	
JT 0143 168 - Pet Coke/ Limestone Baghouse Vent					25000		
JT 0145 171 - Emergency Storm Water Pump Engine						4	831
UG 0001 66 - Paved and Unpaved Roads				.03	.1		77
UG 0002 90 - Lime Kiln Fugitives				.03	.1	38.54	77
UG 0003 99 - Hardwood Handling Fugitives				.03	.1	29.85	77
UG 0004 100 - Softwood Handling Fugitives				.03	.1	20.01	77
UG 0005 101 - Bark Pile Fugitives				.03	.1	50.18	77
UG 0006 113 - Tissue Machine No. 6 Fugitive Emissions				.03	.1		77
UG 0007 114 - Tissue/Towel Converting Operations Fugitives							

INVENTORIES

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Port Hudson Operations							
FUG 0008 131 - P/C/Coal Storage Pile Fugitives		.03	.1	.1			77
FUG 0009 133 - P/C/Coal Dump Pit Fugitives		.03	.1	.1			77
FUG 0010 139 - Limestone Storage Pile Fugitives		.03	.1	.1			77
FUG 0011 141 - Limestone Railcar Dump Pit Fugitives		.03	.1	.1			77
FUG 0012 151 - Fly Ash Loading Fugitives		.03	.1	.1			77
FUG 0013 152 - Bottom Ash Loading Fugitives		.03	.1	.1			77
FUG 0014 172 - TM No. 5 Fugitive Emissions							5018
GRP 0013 138 - P/C/Coal Day Bin Baghouse Vent CAP		26	4500	35		79	77
GRP 0001 Unit or Facility Wide							150

Relationships:**Subject Item Groups:**

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	MACT - Common MACT Group
CRG 0002	Common Requirements Group	BACT - Common BACT Group
GRP 0003	Equipment Group	76 - Recovery Furnace Emission Cap
GRP 0004	Equipment Group	77 - Small Tank Emission Cap
GRP 0005	Equipment Group	104 - Line Kin Emissions Cap
GRP 0007	Equipment Group	123 - Nos. 1 & 2 Bleach Plant Emissions CAP
GRP 0008	Equipment Group	124 - Eco and Katty Chip Bins Emissions CAP
GRP 0009	Equipment Group	125 - Nos. 1 & 2 Line Knotters Emissions CAP
GRP 0010	Equipment Group	126 - Tissue/Towel Machine Operations VOC Emissions CAP
GRP 0013	Equipment Group	138 - PC/Coal Day Bin Baghouse Vent CAP
GRP 0015	Equipment Group	164 - Boilers 1, 5, & 6 Emission CAP
GRP 0016	Equipment Group	97 - Hardwood Chips Silos CAP
GRP 0020	Equipment Group	173 - No. 3 and No. 4 Paper Machine Emissions CAP
UNF 0001	Unit or Facility Wide	Entire Facility - Port Hudson Operations

Group Membership:

ID	Description	Member of Groups
ARE 0007	67A - North Landfill	CRG0000000001
ARE 0008	67B - South Landfill	CRG0000000001
ARE 0009	103 - Landfill No. 3	CRG0000000001
EOT 0013	48A - Heavy Black Liquor Tank No. 1 (W)	CRG0000000001
EOT 0014	48B - Heavy Black Liquor Tank No. 2 (E)	CRG0000000001

INVENTORIES

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Up Membership:

ID	Description	Member of Group
T 0015	49 - Batch Digester Fill Exhaust	CRG00000000001
T 0016	50A - Bleached High Density Tank No. 1	CRG00000000001
T 0017	50B - Bleached High Density Tank No. 2	CRG00000000001
T 0018	50C - Bleached High Density Tank No. 3	CRG00000000001
T 0019	50D - Bleached High Density Tank No. 4	CRG00000000001
T 0020	50E - Bleached High Density Tank No. 5	CRG00000000001
T 0021	50F - Bleached High Density Tank No. 6	CRG00000000001
T 0022	52 - Lime Mud Precoat Filter	CRG00000000001
T 0023	55A - Weak Black Liquor Tank No. 1	CRG00000000001
T 0024	55B - Weak Black Liquor Tank No. 2	CRG00000000001
T 0025	55C - Weak Black Liquor Tank No. 3	CRG00000000001
T 0026	56A - Brownstock H.D. Storage Tank No. 1	CRG00000000001
T 0027	56B - Brownstock H.D. Storage Tank No. 2	CRG00000000001
T 0028	56C - Brownstock H.D. Storage Tank No. 3	CRG00000000001
T 0029	61 - Black Liquor Pond	CRG00000000001
T 0032	68 - TM No. 5 Dryer Hood Vent	GRP00000000010
T 0033	69 - TM No. 5 Vacuum Pump Vent	CRG00000000001, GRP00000000010
T 0034	70 - TM No. 5 Wat Scrubber Vent	GRP00000000010
T 0038	74 - Concentrated Liquor Process Tank No. 1	CRG00000000001
T 0039	75 - Concentrated Liquor Process Tank No. 2	CRG00000000001
T 0040	78 - Black Liquor Loading/Unloading	CRG00000000001
T 0041	79A - Caustic/Liquor Tank No. 1	CRG00000000001
T 0042	79B - Caustic/Liquor Tank No. 2	CRG00000000001
T 0043	79C - Caustic/Liquor Tank No. 3	CRG00000000001
T 0044	79D - Caustic/Liquor Tank No. 4	CRG00000000001
T 0045	80 - Paper Machine No. 3	CRG00000000001, GRP00000000020
T 0046	81 - Paper Machine No. 4	CRG00000000001, GRP00000000020
T 0047	82 - Green Liquor Stabilization Tank	CRG00000000001
T 0048	83 - Green Liquor Clarifier No. 2	CRG00000000001
T 0049	84 - Green Liquor Clarifier No. 4	CRG00000000001
T 0050	85A - White Liquor Clarifier Feed Tank No. 1	CRG00000000001
T 0051	85B - White Liquor Clarifier Feed Tank No. 2	CRG00000000001
T 0052	86 - White Liquor Clarifier No. 3	CRG00000000001
T 0053	87 - White Liquor Clarifier No. 4	CRG00000000001
T 0054	88A - White Liquor Storage Tank No. 1	CRG00000000001
T 0055	88B - White Liquor Storage Tank No. 2	CRG00000000001
T 0056	89 - Weak Wash Storage Tank	CRG00000000001
T 0059	93 - Knotter No. 1	CRG00000000001, GRP00000000009
T 0060	94 - Knotter No. 2	CRG00000000001, GRP00000000009
T 0061	95 - Batch Chip Silo	CRG00000000002
T 0062	96 - Kamyr Chip Bin	CRG00000000002, GRP00000000008

INVENTORIES

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQT 0063	97A - Hardwood Chip Silo - Kamyr	CRG0000000002, GRP0000000016
EQT 0064	97B - Hardwood Chip Silo - ESCO	CRG0000000002, GRP0000000016
EQT 0065	98 - ESCO Chip Bin Cyclone	GRP0000000008
EQT 0080	106 - Tissue Machine No. 6 TAD Exhaust 1	GRP0000000010
EQT 0081	107 - Tissue Machine No. 8 TAD Exhaust 2	GRP0000000010
EQT 0085	111 - Tissue Machine No. 6 Yankee Aircap Exhaust	GRP0000000010
EQT 0092	72 - Recovery Furnace No. 1	GRP0000000003
EQT 0093	73 - Recovery Furnace No. 2	GRP0000000003
EQT 0094	7 - Smelt Tank Scrubber No. 1	GRP0000000004
EQT 0095	8 - Smelt Tank Scrubber No. 2, Stack A	GRP0000000004
EQT 0096	9 - Smelt Tank Scrubber No. 2, Stack B	GRP0000000004
EQT 0097	10 - Lime Kiln No. 1 / Scrubber	GRP0000000005
EQT 0098	11 - Lime Kiln No. 2 / Scrubber	GRP0000000005
EQT 0099	5 - Combination Boiler No. 1	GRP0000000015
EQT 0100	27 - Power Boiler No. 5	GRP0000000015
EQT 0102	37 - Bleach Plant No. 1 Scrubber Vent	GRP0000000007
EQT 0103	38 - Bleach Plant No. 2 Scrubber Vent	GRP0000000007
EQT 0109	130 - No. 8 CFB Boiler & Electrostatic Precipitator (ESP)	GRP0000000015
EQT 0114	137/A - No. 1 PC/Coal Day Bin Baghouse Vent	GRP0000000013
EQT 0115	137/B - No. 2 PC/Coal Day Bin Baghouse Vent	GRP0000000013
EQT 0127	155 - No. 1 Bleach Plant E Slag Vent	GRP0000000007
EQT 0128	156 - No. 2 Bleach Plant E Slag Vent	GRP0000000007
FUG 0003	99 - Hardwood Handling Fugitives	CRG0000000002
FUG 0004	100 - Softwood Handling Fugitives	CRG0000000002
FUG 0005	101 - Bark Pile Fugitives	CRG0000000002
FUG 0006	113 - Tissue Machine No. 6 Fugitive Emissions	GRP0000000010
FUG 0007	114 - Tissue/Towel Converting Operations Fugitives	GRP0000000010
FUG 0014	172 - TM No. 5 Fugitive Emissions	GRP0000000010

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0340	0340 Paper Mill (Rated Capacity)	2466	tons/day

SIC Codes:

2611	Pulp mills	AI 2617
2611	Pulp mills	UNF 001
2621	Paper mills	AI 2617
2621	Paper mills	UNF 001

INVENTORIES

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
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Air - Title V Regular Permit Minor Mod

Codes:	Steam and air conditioning supply	AJ 2617
11	Steam and air conditioning supply	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Port Hudson Operations															
ARE 0007 67A													0.14	0.14	0.62
ARE 0008 67B													0.14	0.14	0.62
ARE 0009 103													0.12	0.12	0.54
EQT 0011 40													4.380	5.190	19.20
EQT 0013 49A													0.41	0.41	1.81
EQT 0014 49B													0.41	0.41	1.81
EQT 0015 49													4.46	4.46	19.52
EQT 0016 50A													0.02	0.02	0.09
EQT 0017 50B													0.02	0.02	0.09
EQT 0018 50C													0.02	0.02	0.09
EQT 0019 50D													0.02	0.02	0.09
EQT 0020 50E													0.02	0.02	0.09
EQT 0021 50F													0.02	0.02	0.09
EQT 0022 52													2.27	3.12	9.95
EQT 0023 55A													1.39	1.39	6.09
EQT 0024 55B													1.39	1.39	6.09
EQT 0025 55C													1.39	1.39	6.09
EQT 0026 56A													1.10	1.10	4.84
EQT 0027 56B													1.10	1.10	4.84
EQT 0028 56C													6.39	6.39	28.01
EQT 0029 61													7.87	7.87	34.46
EQT 0030 63													0.04	0.04	0.16
EQT 0031 65															

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 26117 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lbs/hr	Max lbs/hr	Tons/Year												
Hudson Operations															
QT 0032	5.54	5.54	24.28	3.60	3.60	15.77	0.28	0.28	1.21	0.04	0.04	0.19	2.61		
QT 0033														0.30	
QT 0034										0.57	0.57	2.49			0.54
QT 0035										0.08	0.13	0.37			
1A															
QT 0036										0.02	0.02	0.07			
1B															
QT 0037										0.01	0.01	0.02			
1C															
QT 0038														0.41	1.81
4															
QT 0039														0.41	1.81
5															
QT 0040														1.39	1.14
6															
QT 0041														1.39	6.09
9A															
QT 0042														1.39	6.09
9B															
QT 0043														1.39	6.09
9C															
QT 0044														1.39	6.09
6D															
QT 0045														1.39	10.73
6E															
QT 0046										0.38					
1										0.36					
QT 0047														0.05	0.20
2															
QT 0048														2.55	11.16
3															
QT 0049														2.55	11.16
4															
QT 0050														0.46	2.00
5A															
QT 0051														0.46	2.00
5B															
QT 0052														2.55	11.16
6															
QT 0053														0.91	4.00
7															
QT 0054														0.51	2.22
8A															

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-Y8

Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Port Hudson Operations															
EQT 0055 88B													0.51	1.05	2.22
EQT 0056 89													0.91	1.26	4.00
EQT 0057 91							<0.001	<0.001	<0.01						
EQT 0058 92							<0.001	<0.001	<0.01						
EQT 0059 93													4.15		
EQT 0060 94													2.61		
EQT 0061 95							0.23	0.23	0.98						
EQT 0062 96										0.33					
EQT 0063 97A										0.24					
EQT 0064 97B										0.24					
EQT 0065 98										0.33					
EOT 0066 102A							0.01	0.01	0.05						
EOT 0067 102B							0.01	0.01	0.03						
EOT 0068 102C							0.003	0.003	0.01						
EOT 0069 102D							0.002	0.002	0.01						
EOT 0070 102E							0.002	0.002	0.01						
EOT 0071 102F							0.001	0.001	<0.01						
EOT 0072 102G							0.001	0.001	<0.01						
EOT 0073 102H							0.001	0.001	<0.01						
EOT 0074 102I							0.001	0.001	0.01						
EOT 0075 102J							0.001	0.001	0.01						
EOT 0076 102K							0.001	0.001	<0.01						
EOT 0077 102L							0.002	0.002	0.01						

EMISSION RATES FOR CRITERIA POLLUTANTS

AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Hudson Operations															
QT 0078							0.001	0.001	<0.01						
QT 0079							0.10	0.10	0.45				0.77	0.77	3.37
QT 0080	16.20	19.44	70.96	3.86	4.64	16.92	2.16	2.59	9.48	0.05	0.05	0.24			15.00
QT 0081	9.00	10.80	39.42	2.15	2.57	9.40	1.08	1.30	4.73	0.03	0.03	0.13			6.00
QT 0082							1.63	1.96	7.16				1.07	1.07	4.67
QT 0083							1.79	2.15	7.84				0.001	0.001	<0.01
QT 0084							0.10	0.10	0.45				0.004	0.004	0.02
QT 0085	3.78	4.54	16.56	1.28	1.54	5.62	1.28	1.54	5.61	0.01	0.01	0.06			1.00
QT 0086													0.01	0.01	0.03
QT 0087							0.14	0.14	0.61						
QT 0088							0.08	0.08	0.35						
QT 0089							0.05	0.11	0.21						
QT 0090	0.50	0.50	2.21	0.23	0.23	0.99							<0.01		
QT 0091							0.50	0.50	2.20						
QT 0092			339.80			156.20		42.11		105.91			8.72		
QT 0093			470.80			216.45			64.57		146.74		8.93		
QT 0094						10.44			13.83				4.29		
QT 0095							7.24		9.58				2.97		
QT 0096									9.58				2.97		
QT 0097									18.58				4.33		
QT 0098									13.73				3.49		
QT 0099									32.42				13.50		
QT 0100									98.71				5.32		
	81.29								7.35						

EMISSION RATES FOR CRITERIA POLLUTANTS

AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Subject Item	CO	NOx	PM10	SO2	VOC
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr
Port Hudson Operations					
EQT 0101 ₃₄	22.88	23.36	100.19		
EQT 0102 ₃₇		29.44			
EQT 0103 ₃₆		29.44			
EQT 0104 ₃₉					
EQT 0108 ₄₇					
EQT 0109 ₁₃₀		312.85	130.14		
EQT 0110 ₁₃₂				31.11	
EQT 0114 _{137A}				0.01	<0.01
EQT 0115 _{137B}					1.16
EQT 0116 ₁₄₀				0.11	0.15
EQT 0119 ₁₄₅				0.77	1.16
EQT 0121 ₁₄₇				0.38	0.57
EQT 0122 ₁₄₈				0.38	0.57
EQT 0123 ₁₄₉				0.02	0.03
EQT 0125 ₁₅₃				0.55	0.82
EQT 0126 ₁₅₄					
EQT 0127 ₁₅₅		1.58			
EQT 0128 ₁₅₆		1.03			
EQT 0129 ₁₅₇	0.94	0.96	4.12		
EQT 0134 ₁₆₂				0.60	0.60
EQT 0135 ₁₆₃				0.09	0.09
EQT 0140 ₁₆₅				0.05	0.07
EQT 0141 ₁₆₉				0.69	1.03
					3.00

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EMISSION RATES FOR CRITERIA POLLUTANTS

AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-Y8
 Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM 10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Hudson Operations															
QT 0142							0.18	0.27	0.80						
QT 0143							0.59	4.29	2.59						
QT 0144							0.21	0.27	0.20						
QT 0145	0.41	0.43	0.20	0.92	0.97	0.46	0.07	0.07	0.03	0.34	0.36	0.17	0.42	0.44	0.21
UG 0001								5.83	11.15	25.53					
UG 0002							4.57	4.57	20.00						
UG 0003							1.38	1.38	6.06				1.18	1.18	5.18
UG 0004							0.33	0.33	2.05				0.55	0.55	2.40
UG 0005							0.02	0.02	0.08				0.16	0.16	0.68
UG 0006							2.30	4.60	10.05						
UG 0008							0.72	3.47	3.13						
UG 0009							0.06	0.09	0.11						
UG 0010							0.77	3.32	3.39						
UG 0011							0.21	0.31	0.20						
UG 0012							0.32	0.48	1.40						
UG 0013							0.13	0.20	0.57						
UG 0014							2.46	4.92	10.77						
RP 0003	619.94	2715.33	285.01		1248.35	75.68		331.48	163.41		715.74	13.90			60.90
RP 0004				20.95		91.77	21.92		96.02			8.61			37.70
RP 0005	19.16	83.92	61.24		268.21	28.33		124.09	4.26		18.64	5.46			23.93
RP 0007	39.84		174.47										12.65		55.42
RP 0008								0.49	2.14						
RP 0009												3.37		14.78	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Modification

Air - Title V Regular Permit Miner Med

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

Emission rates Notes:

EQT 0046	VOC	Avg lb/hr	Total includes VOC emissions.	Which Months: All Year
EQT 0046	VOC	Max lb/hr	Total includes VOC emissions.	Which Months: All Year
EQT 0046	VOC	Tons/Year	Total includes VOC emissions.	Which Months: All Year
EQT 0099	NOx	Tons/Year	EQT 0099, EQT 100, & EQT 109 emissions are capped under GRP 015.	Which Months: All Year
EQT 0099	CO	Tons/Year	Per PSD-LA-58(M-4), EQT 099, EQT 100, & EQT 109 emissions are capped under GRP 015.	Which Months: All Year
EQT 0100	NOx	Tons/Year	Per PSD-LA-58(M-4), EQT 099, EQT 100, & EQT 109 emissions are capped under GRP 015.	Which Months: All Year
EQT 0109	SO2	Max lb/hr	Per PSD-LA-58(M-4), EQT 099, EQT 100, & EQT 109 emissions are capped under GRP 015.	Which Months: All Year
EQT 0109	VOC	Max lb/hr	Per PSD-LA-58(M-4), EQT 099, EQT 100, & EQT 109 emissions are capped under GRP 015.	Which Months: All Year

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0007 67A	1,1,1-Trichloroethane	<0.01	<0.01	<0.01
	1,1,2-Trichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.003
	Benzene	<0.01	<0.01	0.01
	Carbon disulfide	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	<0.01
	Carbonyl sulfide	<0.01	<0.01	<0.01
	Chlorobenzene	0.005	0.005	0.020
	Chloroform	<0.01	<0.01	<0.01
	Hydrogen sulfide	0.02	0.02	0.09
	Mercury (and compounds)	<0.001	<0.001	<0.001
	Methyl chloride	<0.01	<0.01	<0.01
	Methyl ethyl ketone	<0.01	<0.01	0.04
	Methyl isobutyl ketone	<0.01	<0.01	0.01
ARE 0008 67B	Toluene	0.06	0.06	0.26
	Xylene (mixed isomers)	0.02	0.02	0.09
	n-Hexane	<0.01	<0.01	0.04
	1,1,1-Trichloroethane	<0.01	<0.01	<0.01
	1,1,2-Trichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.003
	Benzene	<0.01	<0.01	0.01
	Carbon disulfide	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	<0.01
	Carbonyl sulfide	<0.01	<0.01	<0.01
	Chlorobenzene	0.005	0.005	0.020
	Chloroform	<0.01	<0.01	<0.01
	Hydrogen sulfide	0.02	0.02	0.09
	Mercury (and compounds)	<0.001	<0.001	<0.001
	Methyl chloride	<0.01	<0.01	<0.01
	Methyl ethyl ketone	<0.01	<0.01	0.04
	Methyl isobutyl ketone	<0.01	<0.01	0.01
	Toluene	0.06	0.06	0.26
	Xylene (mixed isomers)	0.02	0.02	0.09

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0008 678	n-Hexane	<0.01	<0.01	0.04
ARE 0009 103	1,1,1-Trichloroethane	<0.01	<0.01	<0.01
	1,1,2-Trichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.003
	Benzene	<0.01	<0.01	<0.01
	Carbon disulfide	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	<0.01
	Carbonyl sulfide	<0.01	<0.01	<0.01
	Chlorobenzene	<0.001	<0.001	0.002
	Chloroform	<0.01	<0.01	<0.01
	Hydrogen sulfide	0.02	0.02	0.08
	Mercury (and compounds)	<0.001	<0.001	<0.001
	Methyl chloride	<0.01	<0.01	<0.01
	Methyl ethyl ketone	<0.01	<0.01	0.03
	Methyl isobutyl ketone	<0.01	<0.01	0.01
EQT 0011 40	Toluene	0.05	0.05	0.23
	Total reduced sulfur	<0.01	<0.01	<0.01
	Xylene (mixed isomers)	0.02	0.02	0.08
	n-Hexane	<0.01	<0.01	0.04
	Acetaldehyde	1.90	2.28	8.31
	Carbon disulfide	0.21	0.21	0.94
	Chloroform	0.18	0.22	0.80
	Dichloromethane	0.001	0.001	<0.01
	Formaldehyde	0.01	0.01	0.04
EQT 0012 45	Methanol	1.90	2.29	8.33
	Methyl chloride	<0.01	<0.01	<0.01
	Methyl ethyl ketone	0.05	0.05	0.23
	Naphthalene	0.13	0.13	0.55
	Chlorine dioxide	0.01	0.08	0.07
EQT 0013 48A	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	Acetaldehyde	0.02	0.02	0.09
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.001	<0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AJID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0013 48A	Carbon disulfide	0.002	0.002	0.01
	Chloroform	<0.001	<0.001	<0.01
	Formaldehyde	0.001	0.001	<0.01
	Hydrogen sulfide	0.05	0.05	0.21
	Methanol	0.13	0.13	0.57
	Methyl ethyl ketone	0.01	0.01	0.05
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Phenol	0.001	0.001	<0.01
	Propionaldehyde	0.002	0.002	0.01
	Styrene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.270	0.270	1.19
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
EQT 0014 48B	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	Acetaldehyde	0.02	0.02	0.09
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.002	0.002	0.01
	Chloroform	<0.002	<0.002	<0.01
	Formaldehyde	0.01	0.01	<0.01
	Hydrogen sulfide	0.05	0.05	0.21
	Methanol	0.13	0.13	0.57
	Methyl ethyl ketone	0.01	0.01	0.05
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Phenol	0.001	0.001	<0.01
	Propionaldehyde	0.002	0.002	0.01
	Styrene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
EQT 0015 49	Total reduced sulfur	0.270	0.270	1.19
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
	1,1,2-Trichloroethane	0.003	0.003	0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0015 49	Acetaldehyde	0.03	0.03	0.13
	Acrolein	0.001	0.001	0.006
	Benzene	<0.001	<0.001	<0.01
	Carbon tetrachloride	0.01	0.01	0.06
	Chlorobenzene	0.004	0.004	0.018
	Chloroform	0.14	0.14	0.60
	Formaldehyde	0.002	0.002	0.01
	Methanol	0.54	0.54	2.36
	Methyl ethyl ketone	0.01	0.01	0.04
	Methyl isobutyl ketone	0.001	0.001	<0.01
	Styrene	0.004	0.004	0.02
	Tetrachloroethylene	0.001	0.001	0.01
	Toluene	0.003	0.003	0.01
	Total reduced sulfur	0.43	0.43	1.89
EQT 0016 50A	Xylene (mixed isomers)	0.004	0.004	0.02
	n-Hexane	0.001	0.001	0.01
	1,1,1-Trichloroethane	<0.01	<0.01	<0.01
	1,2,4-Trichlorobenzene	<0.01	<0.01	<0.01
	Acetaldehyde	<0.01	<0.01	0.02
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	<0.01
	Chloroform	<0.01	<0.01	<0.01
	Formaldehyde	<0.01	<0.01	<0.01
	Methyl ethyl ketone	0.01	0.01	0.05
	Methyl isobutyl ketone	<0.01	<0.01	<0.01
	Styrene	<0.01	<0.01	<0.01
	Tetrachloroethylene	<0.01	<0.01	<0.01
EQT 0017 50B	Toluene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
	Xylene (mixed isomers)	<0.01	<0.01	<0.01
	1,1,1-Trichloroethane	<0.01	<0.01	<0.01
	1,2,4-Trichlorobenzene	<0.01	<0.01	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0017 50B	Acetaldehyde	<0.01	<0.01	0.02
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	<0.01
	Chloroform	<0.01	<0.01	<0.01
	Formaldehyde	<0.01	<0.01	<0.01
	Methyl ethyl ketone	0.01	0.01	0.05
	Methyl isobutyl ketone	<0.01	<0.01	<0.01
	Styrene	<0.01	<0.01	<0.01
	Tetrachloroethylene	<0.01	<0.01	<0.01
	Toluene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
EQT 0018 50C	Xylene (mixed isomers)	<0.01	<0.01	<0.01
	1,1,1-Trichloroethane	<0.01	<0.01	<0.01
	1,2,4-Trichlorobenzene	<0.01	<0.01	<0.01
	Acetaldehyde	<0.01	<0.01	0.02
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	<0.01
	Chloroform	<0.01	<0.01	<0.01
	Formaldehyde	<0.01	<0.01	<0.01
	Methyl ethyl ketone	0.01	0.01	0.05
	Methyl isobutyl ketone	<0.01	<0.01	<0.01
	Styrene	<0.01	<0.01	<0.01
EQT 0019 50D	Tetrachloroethylene	<0.01	<0.01	<0.01
	Toluene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
	Xylene (mixed isomers)	<0.01	<0.01	<0.01
	1,1,1-Trichloroethane	<0.01	<0.01	<0.01
	1,2,4-Trichlorobenzene	<0.01	<0.01	<0.01
	Acetaldehyde	<0.01	<0.01	0.02
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.01	<0.01	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0019 500	Carbon tetrachloride	<0.01	<0.01	<0.01
	Chloroform	<0.01	<0.01	<0.01
	Formaldehyde	<0.01	<0.01	<0.01
	Methyl ethyl ketone	0.01	0.01	0.05
	Methyl isobutyl ketone	<0.01	<0.01	<0.01
	Styrene	<0.01	<0.01	<0.01
	Tetrachloroethylene	<0.01	<0.01	<0.01
	Toluene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
	Xylene (mixed isomers)	<0.01	<0.01	<0.01
EQT 0020 50E	1,1,1-Trichloroethane	<0.01	<0.01	<0.01
	1,2,4-Trichlorobenzene	<0.01	<0.01	<0.01
	Acetaldehyde	<0.01	<0.01	0.02
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	<0.01
	Chloroform	<0.01	<0.01	<0.01
	Formaldehyde	<0.01	<0.01	<0.01
	Methyl ethyl ketone	0.01	0.01	0.05
	Methyl isobutyl ketone	<0.01	<0.01	<0.01
	Styrene	<0.01	<0.01	<0.01
	Tetrachloroethylene	<0.01	<0.01	<0.01
	Toluene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
EQT 0021 50F	Xylene (mixed isomers)	<0.01	<0.01	<0.01
	1,1,1-Trichloroethane	<0.01	<0.01	<0.01
	1,2,4-Trichlorobenzene	<0.01	<0.01	<0.01
	Acetaldehyde	<0.01	<0.01	0.02
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	<0.01
	Chloroform	<0.01	<0.01	<0.01
	Formaldehyde	<0.01	<0.01	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0021 50F	Methyl ethyl ketone	0.01	0.01	0.05
	Methyl isobutyl ketone	<0.01	<0.01	<0.01
	Styrene	<0.01	<0.01	<0.01
	Tetrachloroethylene	<0.01	<0.01	<0.01
	Toluene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
	Xylene (mixed isomers)	<0.01	<0.01	<0.01
EQT 0022 52	1,1,1-Trichloroethane	0.001	0.001	<0.01
	1,2,4-Trichlorobenzene	0.01	0.01	0.03
	Acetaldehyde	0.17	0.17	0.74
	Acrolein	0.001	0.001	0.004
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.001	0.001	<0.01
	Chlorobenzene	0.003	0.003	0.012
	Chloroform	0.001	0.002	0.01
	Dichloromethane	0.001	0.001	<0.01
	Formaldehyde	0.003	0.004	0.01
	Methanol	0.83	1.15	3.65
	Methyl ethyl ketone	0.02	0.03	0.09
	Methyl isobutyl ketone	0.004	0.01	0.02
	Propionaldehyde	0.006	0.009	0.03
	Styrene	<0.001	0.001	<0.01
	Tetrachloroethylene	<0.001	<0.001	<0.01
	Toluene	0.001	0.001	<0.01
	Total reduced sulfur	0.02	0.03	0.09
	Xylene (mixed isomers)	0.001	0.001	<0.01
EQT 0023 55A	n-Hexane	0.001	0.001	0.01
	1,1,1-Trichloroethane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.001
	Acetaldehyde	<0.001	<0.001	<0.01
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.001	<0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0023 SSA	Carbon disulfide	0.010	0.010	0.04
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Cumene	0.001	0.001	<0.01
	Hydrogen sulfide	0.003	0.003	0.01
	Methanol	0.13	0.13	0.57
	Methyl ethyl ketone	0.001	0.001	<0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Propionaldehyde	0.001	0.001	<0.01
	Styrene	<0.001	<0.001	<0.01
	Tetrachloroethylene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.23	0.23	1.02
	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
EQT 0024 SSB	1,1,1-Trichloroethane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.001
	Acetaldehyde	<0.001	<0.001	<0.01
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.010	0.010	0.04
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Cumene	0.001	0.001	<0.01
	Hydrogen sulfide	0.003	0.003	0.01
	Methanol	0.13	0.13	0.57
	Methyl ethyl ketone	0.001	0.001	<0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Propionaldehyde	0.001	0.001	<0.01
	Styrene	<0.001	<0.001	<0.01
	Tetrachloroethylene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.23	0.23	1.02

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0024 55B	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
EQT 0025 55C	1,1,1-Trichloroethane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.001
	Acetaldehyde	<0.001	<0.001	<0.01
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.010	0.010	0.04
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Cumene	0.001	0.001	<0.01
	Hydrogen sulfide	0.003	0.003	0.01
	Methanol	0.13	0.13	0.57
	Methyl ethyl ketone	0.001	0.001	<0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Propionaldehyde	0.001	0.001	<0.01
EQT 0026 56A	Styrene	<0.001	<0.001	<0.01
	Tetrachloroethylene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.23	0.23	1.02
	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
	1,1,2-Trichloroethane	<0.01	<0.01	<0.01
	Acetaldehyde	<0.01	<0.01	0.02
	Benzene	<0.001	<0.001	<0.01
	Chlorobenzene	<0.001	<0.001	<0.001
	Chloroform	0.01	0.01	0.02
	Methanol	0.24	0.24	1.05
	Methyl ethyl ketone	0.01	0.01	0.03
	Methyl isobutyl ketone	0.001	0.001	<0.01
	Phenol	0.06	0.06	0.28

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0026 56A	Styrene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.73	0.73	3.22
	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
EQT 0027 56B	1,1,2-Trichloroethane	<0.001	<0.001	<0.01
	Acetaldehyde	0.01	0.01	0.02
	Benzene	<0.001	<0.001	<0.01
	Chlorobenzene	<0.001	<0.001	<0.001
	Chloroform	0.01	0.01	0.02
	Methanol	0.24	0.24	1.05
	Methyl ethyl ketone	0.01	0.01	0.03
	Methyl isobutyl ketone	0.001	0.001	<0.01
	Phenol	0.06	0.06	0.28
	Styrene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.73	0.73	3.22
	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
EQT 0028 56C	n-Hexane	<0.001	<0.001	<0.01
	1,1,2-Trichloroethane	<0.001	<0.001	<0.01
	Acetaldehyde	0.01	0.01	0.02
	Benzene	<0.001	<0.001	<0.01
	Chlorobenzene	<0.001	<0.001	<0.001
	Chloroform	0.01	0.01	0.02
	Methanol	0.24	0.24	1.05
	Methyl ethyl ketone	0.01	0.01	0.03
	Methyl isobutyl ketone	0.001	0.001	<0.01
	Phenol	0.06	0.06	0.28
	Styrene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.73	0.73	3.22

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0026 56C	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
EQT 0029 61	Acetaldehyde	0.81	0.81	3.56
	Methanol	4.56	4.56	19.97
	Methyl ethyl ketone	2.50	2.50	10.94
	Total reduced sulfur	7.840	7.840	33.24
EQT 0032 68	1,2,4-Trichlorobenzene	0.02	0.02	0.08
	Acetaldehyde	0.27	0.29	1.17
	Acrolein	0.016	0.017	0.070
	Benzene	0.002	0.002	0.01
	Carbon disulfide	0.01	0.01	0.03
	Chlorobenzene	0.001	0.001	0.005
	Chloroform	0.002	0.002	0.01
	Dichloromethane	0.02	0.02	0.08
	Formaldehyde	0.04	0.05	0.19
	Methanol	0.33	0.36	1.45
	Methyl ethyl ketone	0.02	0.02	0.08
	Methyl isobutyl ketone	0.004	0.004	0.02
	Naphthalene	0.004	0.005	0.02
	Phenol	0.08	0.08	0.33
	Propionaldehyde	0.08	0.08	0.34
	Styrene	0.003	0.004	0.01
	Tetrachloroethylene	0.01	0.01	0.02
	Toluene	0.002	0.002	0.01
EQT 0033 69	Total reduced sulfur	0.11	0.11	0.48
	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.002	0.002	0.01
	1,2,4-Trichlorobenzene	0.002	0.002	0.01
	Acetaldehyde	0.03	0.03	0.14
	Acrolein	0.002	0.002	0.008
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.001	0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0033 69	Chlorobenzene	<0.001	<0.001	0.001
	Chloroform	<0.001	<0.001	<0.01
	Dichloromethane	0.002	0.002	0.01
	Formaldehyde	0.01	0.01	0.02
	Methanol	0.04	0.04	0.17
	Methyl ethyl ketone	0.002	0.002	0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Naphthalene	0.001	0.001	<0.01
	Phenol	0.01	0.01	0.04
	Propionaldehyde	0.01	0.01	0.04
	Styrene	<0.001	<0.001	<0.01
	Tetrachloroethylene	0.001	0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.01	0.01	0.06
EQT 0034 70	Xylene (mixed isomers)	0.003	0.003	0.01
	n-Hexane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	0.004	0.004	0.02
	Acetaldehyde	0.08	0.06	0.25
	Acrolein	0.003	0.004	0.015
	Benzene	<0.001	0.001	<0.01
	Carbon disulfide	0.002	0.002	0.01
	Chlorobenzene	<0.001	<0.001	0.001
	Chloroform	<0.001	<0.001	<0.01
	Dichloromethane	0.004	0.004	0.02
	Formaldehyde	0.01	0.01	0.04
	Methanol	0.07	0.08	0.31
	Methyl ethyl ketone	0.004	0.004	0.02
	Methyl isobutyl ketone	0.001	0.001	<0.01
	Naphthalene	0.001	0.001	<0.01
	Phenol	0.02	0.02	0.07
	Propionaldehyde	0.02	0.02	0.07
	Styrene	0.001	0.001	<0.01
	Tetrachloroethylene	0.001	0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0034 70	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.02	0.02	0.10
	Xylene (mixed isomers)	0.005	0.005	0.02
	n-Hexane	<0.001	0.001	<0.01
EOT 0038 74	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	Acetaldehyde	0.02	0.02	0.09
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.002	0.002	0.01
	Chloroform	<0.001	<0.001	<0.01
	Formaldehyde	0.001	0.001	<0.01
	Hydrogen sulfide	0.05	0.05	0.21
	Methanol	0.13	0.13	0.57
	Methyl ethyl ketone	0.01	0.01	0.05
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Phenol	0.001	0.001	<0.01
	Propionaldehyde	0.002	0.002	0.01
	Styrene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
EOT 0039 75	Total reduced sulfur	0.27	0.27	1.19
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	Acetaldehyde	0.02	0.02	0.09
	Acrolein	<0.001	<0.001	<0.001
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.002	0.002	0.01
	Chloroform	<0.001	<0.001	<0.01
	Formaldehyde	0.001	0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0039 75	Phenol	0.001	0.001	0.01
	Propionaldehyde	0.002	0.002	0.01
	Styrene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.27	0.27	1.18
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
EOT 0040 76	1,1,1-Trichloroethane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	0.001	<0.001
	Acetaldehyde	<0.001	0.002	<0.01
	Acrolein	<0.001	<0.001	<0.01
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.010	0.033	0.01
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Cumene	0.001	0.003	<0.01
	Hydrogen sulfide	0.003	0.009	<0.01
	Methanol	0.13	0.43	0.05
	Methyl ethyl ketone	0.002	0.007	<0.01
	Methyl isobutyl ketone	<0.001	0.001	<0.01
	Propionaldehyde	0.001	0.003	<0.01
	Styrene	<0.001	<0.001	<0.01
	Tetrachloroethylene	<0.001	<0.001	<0.01
	Toluene	<0.001	0.001	<0.01
EOT 0041 79A	Total reduced sulfur	0.23	0.75	0.19
	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	<0.001	0.002	<0.01
	n-Hexane	<0.001	<0.001	<0.01
	1,1,1-Trichloroethane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.001
	Acetaldehyde	<0.001	<0.001	<0.01
	Acrolein	<0.001	<0.001	0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0041 79A	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.010	0.010	0.04
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Cumene	0.001	0.001	<0.01
	Hydrogen sulfide	0.003	0.003	0.01
	Methanol	0.13	0.13	0.57
	Methyl ethyl ketone	0.002	0.002	0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Propionaldehyde	0.001	0.001	<0.01
	Styrene	<0.001	<0.001	<0.01
	Tetrachloroethylene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.23	0.23	1.02
	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	0.001	0.001	<0.01
EQT 0042 79B	n-Hexane	<0.001	<0.001	<0.01
	1,1,1-Trichloroethane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.001
	Acetaldehyde	<0.001	<0.001	<0.01
	Acrolein	<0.001	<0.001	0.001
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.010	0.010	0.04
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Cumene	0.001	0.001	<0.01
	Hydrogen sulfide	0.003	0.003	0.01
	Methanol	0.13	0.13	0.57
	Methyl ethyl ketone	0.002	0.002	0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Propionaldehyde	0.001	0.001	<0.01
	Styrene	<0.001	<0.001	<0.01
	Tetrachloroethylene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0042 79B	Total reduced sulfur	0.23	0.23	1.02
	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	0.001	0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
EQT 0043 79C	1,1,1-Trichloroethane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.001
	Acetaldehyde	<0.001	<0.001	<0.01
	Acrolein	<0.001	<0.001	0.001
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.010	0.010	0.04
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Cumene	0.001	0.001	<0.01
	Hydrogen sulfide	0.003	0.003	0.01
	Methanol	0.13	0.13	0.57
	Methyl ethyl ketone	0.002	0.002	0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Propionaldehyde	0.001	0.001	<0.01
	Styrene	<0.001	<0.001	<0.01
EQT 0044 79D	Tetrachloroethylene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.23	0.23	1.02
	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	0.001	0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
	1,1,1-Trichloroethane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.001
	Acetaldehyde	<0.001	<0.001	<0.01
	Acrolein	<0.001	<0.001	0.001
	Benzene	<0.001	<0.001	<0.01
	Carbon disulfide	0.010	0.010	0.04
	Carbon tetrachloride	<0.001	<0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0044 78D	Cumene	0.001	0.001	<0.01
	Hydrogen sulfide	0.003	0.003	0.01
	Methanol	0.13	0.13	0.57
	Methyl ethyl ketone	0.002	0.002	0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Propionaldehyde	0.001	0.001	<0.01
	Styrene	<0.001	<0.001	<0.01
	Tetrachloroethylene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.23	0.23	1.02
	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	0.001	0.001	<0.01
EQT 0045 80	n-Hexane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene		0.10	
	Acetaldehyde		1.52	
	Acrolein		0.090	
	Benzene		0.01	
	Carbon disulfide		0.04	
	Chlorobenzene		0.007	
	Chloroform		0.01	
	Dichloromethane		0.11	
	Ethyl benzene		<0.001	
	Formaldehyde		0.25	
	Methanol		1.88	
	Methyl ethyl ketone		0.11	
	Methyl isobutyl ketone		0.02	
	Naphthalene		0.03	
	Phenol		0.43	
	Propionaldehyde		0.43	
	Styrene		0.02	
	Tetrachloroethylene		0.03	
	Toluene		0.01	
	Total reduced sulfur		0.62	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0045 80	Trichloroethylene		<0.001	
	Xylene (mixed isomers)		0.13	
	n-Hexane		0.01	
EOT 0046 81	1,2,4-Trichlorobenzene		0.10	
	Acetaldehyde		1.52	
	Acrolein		0.090	
	Benzene		0.01	
	Carbon disulfide		0.04	
	Chlorobenzene		0.007	
	Chloroform		0.01	
	Dichloromethane		0.11	
	Ethyl benzene		<0.001	
	Formaldehyde		0.25	
	Methanol		1.88	
	Methyl ethyl ketone		0.11	
	Methyl isobutyl ketone		0.02	
	Naphthalene		0.03	
	Phenol		0.43	
	Propionaldehyde		0.43	
	Styrene		0.02	
EOT 0047 82	Tetrachloroethylene		0.03	
	Toluene		0.01	
	Total reduced sulfur		0.62	
	Trichloroethylene		<0.001	
	Xylene (mixed isomers)		0.13	
	n-Hexane		0.01	
	1,1,1-Trichloroethane	<0.001	<0.001	<0.01
	1,1,2-Trichloroethane	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	<0.001	<0.001
	Acetaldehyde	0.001	0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

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Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0047 82	Methanol	0.02	0.03	0.09
	Methyl ethyl ketone	<0.001	0.001	<0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Tetrachloroethylene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.002	0.002	0.01
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	<0.001	<0.001	<0.01
EQT 0048 83	Acetaldehyde	0.002	0.003	0.01
	Benzene	0.001	0.001	<0.01
	Methanol	2.41	3.30	10.53
	Methyl ethyl ketone	0.004	0.005	0.02
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Styrene	0.002	0.003	0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.01	0.01	0.05
EQT 0049 84	Xylene (mixed isomers)	0.004	0.005	0.02
	Acetaldehyde	0.002	0.003	0.01
	Benzene	0.001	0.001	<0.01
	Methanol	2.41	3.30	10.53
	Methyl ethyl ketone	0.004	0.005	0.02
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Styrene	0.002	0.003	0.01
	Toluene	<0.001	<0.001	<0.01
EQT 0050 85A	Total reduced sulfur	0.01	0.01	0.05
	Xylene (mixed isomers)	0.004	0.005	0.02
	Acetaldehyde	0.02	0.02	0.07
	Acrolein	0.001	0.001	0.002
	Benzene	0.001	0.001	<0.01
	Hydrogen sulfide	0.005	0.005	0.02
	Methanol	0.31	0.42	1.34
	Methyl ethyl ketone	0.002	0.002	0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0050 65A	Styrene	<0.001	0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.005	0.005	0.02
	Xylene (mixed isomers)	0.001	0.001	<0.01
EQT 0051 65B	Acetaldehyde	0.02	0.02	0.07
	Acrolein	0.001	0.001	0.002
	Benzene	0.001	0.001	<0.01
	Hydrogen sulfide	0.005	0.005	0.02
	Methanol	0.31	0.42	1.34
	Methyl ethyl ketone	0.002	0.002	0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Styrene	<0.001	0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.005	0.005	0.02
EQT 0052 66	Xylene (mixed isomers)	0.001	0.001	<0.01
	Acetaldehyde	0.002	0.003	0.01
	Benzene	0.001	0.001	<0.01
	Hydrogen sulfide	0.01	0.01	0.04
	Methanol	2.41	3.30	10.53
	Methyl ethyl ketone	0.004	0.005	0.02
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.02	0.02	0.08
EQT 0053 67	Xylene (mixed isomers)	0.004	0.005	0.02
	Acetaldehyde	0.03	0.05	0.15
	Acrolein	0.001	0.001	0.005
	Benzene	0.001	0.020	<0.01
	Hydrogen sulfide	0.010	0.010	0.04
	Methanol	0.61	0.84	2.67
	Methyl ethyl ketone	0.004	0.005	0.02
	Methyl isobutyl ketone	0.001	0.001	<0.01
EQT 0054 68	Styrene	0.001	0.001	<0.01
	Toluene	<0.001	<0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0053 87	Total reduced sulfur	0.01	0.01	0.04
	Xylene (mixed isomers)	0.002	0.002	0.01
EQT 0054 88A	Benzene	<0.001	<0.001	<0.01
	Formaldehyde	0.02	0.03	0.08
	Hydrogen sulfide	0.005	0.005	0.02
	Methanol	0.02	0.02	0.07
	Methyl ethyl ketone	0.001	0.001	<0.01
	Styrene	<0.001	0.001	<0.01
	Total reduced sulfur	0.44	0.44	1.94
	Xylene (mixed isomers)	0.001	0.001	<0.01
EQT 0055 88B	Benzene	<0.001	<0.001	<0.01
	Formaldehyde	0.02	0.03	0.09
	Hydrogen sulfide	0.005	0.005	0.02
	Methanol	0.02	0.02	0.07
	Methyl ethyl ketone	0.001	0.001	<0.01
	Styrene	<0.001	0.001	<0.01
	Total reduced sulfur	0.44	0.44	1.94
	Xylene (mixed isomers)	0.001	0.001	<0.01
EQT 0056 89	Acetaldehyde	0.03	0.05	0.15
	Acrolein	0.001	0.001	0.005
	Benzene	<0.01	0.02	<0.01
	Hydrogen sulfide	0.01	0.01	0.04
	Methanol	0.61	0.84	2.67
	Methyl ethyl ketone	0.004	0.005	0.02
	Methyl isobutyl ketone	0.001	0.001	<0.01
	Styrene	0.001	0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Total reduced sulfur	0.01	0.01	0.04
	Xylene (mixed isomers)	0.002	0.002	<0.01
EQT 0059 93	1,1,2-Trichloroethane		0.002	
	1,2,4-Trichlorobenzene		0.002	
	1,3-Butadiene		<0.001	
	Acetaldehyde		0.02	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0059 93	Acrolein		0.006	
	Benzene		<0.001	
	Biphenyl		<0.001	
	Carbon disulfide		0.001	
	Carbon tetrachloride		0.01	
	Dichloromethane		0.005	
	Formaldehyde		0.001	
	Methanol		1.44	
	Methyl ethyl ketone		0.02	
	Methyl isobutyl ketone		0.002	
	Phenol		0.01	
	Propionaldehyde		0.01	
	Styrene		0.001	
	Toluene		<0.001	
	Total reduced sulfur		0.87	
EQT 0060 94	Trichloroethylene		<0.001	
	Xylene (mixed isomers)		0.001	
	1,1,2-Trichloroethane		0.001	
	1,2,4-Trichlorobenzene		0.001	
	1,3-Butadiene		<0.001	
	Acetaldehyde		0.01	
	Acrolein		0.004	
	Benzene		<0.001	
	Biphenyl		<0.001	
	Carbon disulfide		0.001	
	Carbon tetrachloride		0.003	
	Dichloromethane		0.003	
	Formaldehyde		<0.001	
	Methanol		0.94	
	Methyl ethyl ketone		0.01	
	Methyl isobutyl ketone		0.001	
	Phenol		0.01	
	Propionaldehyde		0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0060 94	Styrene		<0.001	
	Toluene		<0.001	
	Total reduced sulfur		1.49	
	Trichloroethylene		<0.001	
	Xylene (mixed isomers)		<0.001	
EQT 0079 105	Acetaldehyde	0.18	0.18	0.80
	Acrolein	0.006	0.006	0.027
	Formaldehyde	0.07	0.07	0.32
	Methanol	0.41	0.41	1.81
	Methyl ethyl ketone	0.02	0.02	0.08
	Methyl isobutyl ketone	<0.01	<0.01	0.03
	Tetrachloroethylene	0.03	0.03	0.12
	Total reduced sulfur	0.060	0.060	0.25
	Xylene (mixed isomers)	<0.01	<0.01	0.04
EQT 0080 106	1,2,4-Trichlorobenzene	0.08	0.24	0.35
	Acetaldehyde	0.07	0.20	0.28
	Acrolein	0.004	0.013	0.018
	Benzene	0.003	0.01	0.01
	Lead compounds	<0.001	<0.001	<0.01
	Methanol	0.13	0.40	0.59
	Methyl ethyl ketone	<0.01	0.02	0.03
	Methyl isobutyl ketone	0.01	0.04	0.05
	Styrene	0.02	0.06	0.08
	Sulfuric acid	0.001	0.001	<0.01
	Tetrachloroethylene	0.02	0.05	0.07
	Toluene	0.001	0.003	0.01
	Total reduced sulfur	0.02	0.06	0.08
EQT 0081 107	Xylene (mixed isomers)	0.01	0.03	0.05
	1,2,4-Trichlorobenzene	0.08	0.24	0.35
	Acetaldehyde	0.07	0.20	0.28
	Acrolein	0.004	0.013	0.018
	Benzene	0.003	0.01	0.01
	Lead compounds	<0.001	<0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0081 107	Methanol	0.13	0.40	0.59
	Methyl ethyl ketone	0.01	0.02	0.03
	Methyl isobutyl ketone	0.01	0.04	0.05
	Styrene	0.02	0.08	0.08
	Sulfuric acid	<0.01	<0.01	<0.01
	Tetrachloroethylene	0.02	0.05	0.07
	Toluene	0.001	0.003	0.01
	Total reduced sulfur	0.03	0.10	0.15
	Xylene (mixed isomers)	0.01	0.03	0.05
EQT 0082 108	Acetaldehyde	0.18	0.18	0.80
	Acrolein	0.006	0.006	0.027
	Formaldehyde	0.07	0.07	0.32
	Methanol	0.41	0.41	1.81
	Methyl ethyl ketone	0.02	0.02	0.08
	Methyl isobutyl ketone	<0.01	<0.01	0.03
	Tetrachloroethylene	0.03	0.03	0.12
	Xylene (mixed isomers)	<0.01	<0.01	0.04
EQT 0083 109	Chloroform	<0.01	<0.01	<0.01
EQT 0084 110	Chloroform	<0.01	<0.01	0.02
EQT 0085 111	1,2,4-Trichlorobenzene	0.08	0.24	0.35
	Acetaldehyde	0.07	0.20	0.28
	Acrolein	0.004	0.013	0.018
	Benzene	0.003	0.01	0.01
	Lead compounds	<0.001	<0.001	<0.01
	Methanol	0.13	0.40	0.59
	Methyl ethyl ketone	0.01	0.02	0.03
	Methyl isobutyl ketone	0.01	0.04	0.05
	Styrene	0.02	0.06	0.09
	Sulfuric acid	<0.001	0.001	<0.01
	Tetrachloroethylene	0.02	0.05	0.07
	Toluene	0.001	0.003	0.01
	Total reduced sulfur	0.02	0.06	0.08
	Xylene (mixed isomers)	0.01	0.03	0.05

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
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 Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0092 72	Acetaldehyde		1.78	
	Antimony (and compounds)		0.002	
	Arsenic (and compounds)		<0.001	
	Barium (and compounds)		<0.001	
	Beryllium (Table 51.1)		<0.001	
	Cadmium (and compounds)		<0.001	
	Chromium VI (and compounds)		<0.001	
	Copper (and compounds)		0.001	
	Dichloromethane		0.05	
	Hydrochloric acid		3.80	
	Hydrogen sulfide		3.85	
	Manganese (and compounds)		<0.01	
	Mercury (and compounds)		0.002	
	Methanol		4.34	
	Nickel (and compounds)		0.003	
	Selenium (and compounds)		<0.001	
	Sulfuric acid		1.38	
	Tetrachloroethylene		0.04	
	Total reduced sulfur		5.21	
	Zinc (and compounds)		0.03	
EQT 0083 73	Acetaldehyde		2.05	
	Antimony (and compounds)		0.003	
	Arsenic (and compounds)		<0.001	
	Barium (and compounds)		<0.001	
	Beryllium (Table 51.1)		<0.001	
	Cadmium (and compounds)		<0.001	
	Chromium VI (and compounds)		<0.001	
	Copper (and compounds)		0.002	
	Dichloromethane		0.07	
	Hydrochloric acid		5.27	
	Hydrogen sulfide		5.34	
	Manganese (and compounds)		<0.01	
	Mercury (and compounds)		0.003	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

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Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0093 73	Methanol		2.89	
	Nickel (and compounds)		0.004	
	Selenium (and compounds)		<0.001	
	Sulfuric acid		1.92	
	Tetrachloroethylene		0.05	
	Total reduced sulfur		8.00	
	Zinc (and compounds)		0.04	
EQT 0094 7	1,1,1-Trichloroethane		<0.001	
	1,1,2-Trichloroethane		0.001	
	1,2,4-Trichlorobenzene		0.002	
	1,2-Dichloroethane		0.001	
	2,2,4-Trimethylpentane		<0.001	
	Acetaldehyde		0.08	
	Acrolein		0.016	
	Ammonia		5.81	
	Antimony (and compounds)		<0.001	
	Arsenic (and compounds)		<0.001	
	Barium (and compounds)		<0.001	
	Benzene		0.001	
	Beryllium (Table 51.1)		<0.001	
	Biphenyl		0.002	
	Cadmium (and compounds)		<0.001	
	Carbon disulfide		0.002	
	Carbon tetrachloride		<0.001	
	Chlorobenzene		0.001	
	Chloroform		<0.001	
	Chloroprene		0.001	
	Chromium VI (and compounds)		<0.001	
	Copper (and compounds)		<0.001	
	Cumene		0.01	
	Dibutyl phthalate		0.02	
	Dichloromethane		0.003	
	Ethyl benzene		0.001	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0094 7	Formaldehyde		0.02	
	Hexachlorocyclopentadiene		0.19	
	Hydrogen sulfide		0.41	
	Manganese (and compounds)		0.001	
	Mercury (and compounds)		<0.001	
	Methanol		0.71	
	Methyl bromide		0.001	
	Methyl chloride		0.01	
	Methyl ethyl ketone		0.01	
	Methyl isobutyl ketone		0.01	
	Naphthalene		0.26	
	Nickel (and compounds)		<0.001	
	Phenol		0.04	
	Polynuclear Aromatic Hydrocarbons		0.093	
	Propionaldehyde		0.04	
	Selenium (and compounds)		<0.001	
	Styrene		<0.001	
	Tetrachloroethylene		0.001	
	Toluene		0.003	
	Total reduced sulfur		0.84	
EQT 0095 8	Trichloroethylene		0.002	
	Vinyl acetate		0.003	
	Xylene (mixed isomers)		0.01	
	Zinc (and compounds)		0.001	
	bis(2-ethylhexyl)phthalate		0.001	
	n-Hexane		0.003	
	1,1,1-Trichloroethane		<0.001	
	1,1,2-Trichloroethane		<0.001	
	1,2,4-Trichlorobenzene		0.001	
	1,2-Dichloroethane		<0.001	
	2,2,4-Trimethylpentane		<0.001	
	Acetaldehyde		0.05	
	Acrolein		0.011	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0095 8	Ammonia		4.03	
	Antimony (and compounds)		<0.001	
	Arsenic (and compounds)		<0.001	
	Barium (and compounds)		<0.001	
	Benzene		0.001	
	Beryllium (Table 51.1)		<0.001	
	Biphenyl		0.002	
	Cadmium (and compounds)		<0.001	
	Carbon disulfide		0.002	
	Carbon tetrachloride		<0.01	
	Chlorobenzene		0.001	
	Chloroform		<0.001	
	Chloroprene		0.001	
	Chromium VI (and compounds)		<0.001	
	Copper (and compounds)		<0.001	
	Cumene		0.007	
	Dibutyl phthalate		0.01	
	Dichloromethane		0.002	
	Ethyl benzene		<0.001	
	Formaldehyde		0.02	
	Hexachlorocyclopentadiene		0.13	
	Hydrogen sulfide		0.29	
	Manganese (and compounds)		0.001	
	Mercury (and compounds)		<0.001	
	Methanol		0.50	
	Methyl bromide		0.001	
	Methyl chloride		0.01	
	Methyl ethyl ketone		0.01	
	Methyl isobutyl ketone		0.01	
	Naphthalene		0.18	
	Nickel (and compounds)		<0.001	
	Phenol		0.03	
	Polynuclear Aromatic Hydrocarbons		0.064	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0095 8	Propionaldehyde		0.03	
	Selenium (and compounds)		<0.001	
	Styrene		<0.001	
	Tetrachloroethylene		0.001	
	Toluene		0.002	
	Total reduced sulfur		0.58	
	Trichloroethylene		0.001	
	Vinyl acetate		0.002	
	Xylene (mixed isomers)		0.01	
	Zinc (and compounds)		<0.001	
EQT 0096 9	bis(2-ethylhexyl)phthalate		<0.001	
	n-Hexane		0.002	
	1,1,1-Trichloroethane		<0.01	
	1,1,2-Trichloroethane		<0.01	
	1,2,4-Trichlorobenzene		0.001	
	1,2-Dichlorobenzene		<0.001	
	2,2,4-Trimethylpentane		<0.001	
	Acetaldehyde		0.05	
	Acrolein		0.011	
	Ammonia		4.03	
	Antimony (and compounds)		<0.001	
	Arsenic (and compounds)		<0.001	
	Barium (and compounds)		<0.001	
	Benzene		0.001	
	Beryllium (Table 51.1)		<0.001	
	Biphenyl		0.002	
	Cadmium (and compounds)		<0.001	
	Carbon disulfide		0.002	
	Carbon tetrachloride		<0.001	
	Chlorobenzene		0.001	
	Chloroform		<0.001	
	Chloroprene		0.001	
	Chromium VI (and compounds)		<0.001	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0098 9	Copper (and compounds)		<0.001	
	Cumene		0.007	
	Dibutyl phthalate		0.01	
	Dichloromethane		0.002	
	Ethyl benzene		<0.001	
	Formaldehyde		0.02	
	Hexachlorocyclopentadiene		0.13	
	Hydrogen sulfide		0.29	
	Manganese (and compounds)		0.001	
	Mercury (and compounds)		<0.001	
	Methanol		0.50	
	Methyl bromide		0.001	
	Methyl chloride		0.01	
	Methyl ethyl ketone		0.01	
	Methyl isobutyl ketone		0.01	
	Naphthalene		0.18	
	Nickel (and compounds)		<0.001	
	Phenol		0.03	
	Polynuclear Aromatic Hydrocarbons		0.064	
	Propionaldehyde		0.03	
	Selenium (and compounds)		<0.001	
	Styrene		<0.001	
EQT 0097 10	Tetrachloroethylene		0.001	
	Toluene		0.002	
	Total reduced sulfur		0.58	
	Trichloroethylene		0.001	
	Vinyl acetate		0.002	
	Xylene (mixed isomers)		0.01	
	Zinc (and compounds)		<0.001	
	bis(2-ethylhexyl)phthalate		<0.001	
	n-Hexane		0.002	
	1,2,4-Trichlorobenzene		0.002	
	1,3-Butadiene		0.001	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0097 10	Acetaldehyde		0.09	
	Acrolein		0.008	
	Arsenic (and compounds)		<0.001	
	Berium (and compounds)		<0.001	
	Benzene		0.01	
	Beryllium (Table 51.1)		<0.001	
	Cadmium (and compounds)		<0.001	
	Carbon disulfide		0.004	
	Chlorobenzene		<0.001	
	Chloroform		0.001	
	Chromium VI (and compounds)		0.001	
	Copper (and compounds)		<0.001	
	Cumene		0.02	
	Dichloromethane		0.002	
	Ethyl benzene		<0.001	
	Formaldehyde		0.07	
	Hydrochloric acid		0.027	
	Hydrogen sulfide		0.85	
	Manganese (and compounds)		0.001	
	Mercury (and compounds)		<0.001	
	Methanol		0.32	
	Methyl bromide		0.002	
	Methyl chloride		0.02	
	Methyl ethyl ketone		0.03	
	Methyl isobutyl ketone		0.004	
	Naphthalene		0.007	
	Nickel (and compounds)		<0.001	
	Phenol		0.13	
	Polynuclear Aromatic Hydrocarbons		0.007	
	Propionaldehyde		0.07	
	Styrene		0.001	
	Tetrachloroethylene		0.02	
	Toluene		0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0097 10	Total reduced sulfur		1.27	
	Trichloroethylene		0.001	
	Xylene (mixed isomers)		0.01	
	Zinc (and compounds)		0.001	
	n-Hexane		0.001	
EOT 0098 11	1,2,4-Trichlorobenzene		0.001	
	1,3-Butadiene		0.001	
	Acetaldehyde		0.07	
	Acrolein		0.006	
	Arsenic (and compounds)		<0.001	
	Barium (and compounds)		<0.001	
	Benzene		0.01	
	Beryllium (Table 51.1)		<0.001	
	Cadmium (and compounds)		<0.001	
	Carbon disulfide		0.004	
	Chlorobenzene		<0.001	
	Chloroform		0.001	
	Chromium VI (and compounds)		<0.001	
	Copper (and compounds)		<0.001	
	Cumene		0.02	
	Dichloromethane		0.001	
	Ethyl benzene		<0.001	
	Formaldehyde		0.06	
	Hydrochloric acid		0.021	
	Hydrogen sulfide		0.71	
	Manganese (and compounds)		0.001	
	Mercury (and compounds)		<0.001	
	Methanol		0.26	
	Methyl bromide		0.002	
	Methyl chloride		0.02	
	Methyl ethyl ketone		0.03	
	Methyl isobutyl ketone		0.003	
	Naphthalene		0.005	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**AI ID: 2617 - Georgia-Pacific Consumer Operations'LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod**

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0098 11	Nickel (and compounds)		<0.001	
	Phenol		0.10	
	Polynuclear Aromatic Hydrocarbons		0.006	
	Propionaldehyde		0.06	
	Styrene		0.001	
	Tetrachloroethylene		0.01	
	Toluene		0.01	
	Total reduced sulfur		1.05	
	Trichloroethylene		<0.001	
	Xylene (mixed isomers)		0.01	
	Zinc (and compounds)		0.001	
EQT 0099 5	n-Hexane		0.001	
	1,1,1-Trichloroethane		0.01	
	1,2-Dichloroethane		0.01	
	1,2-Dichloropropane		0.01	
	Acetaldehyde		0.04	
	Acetophenone		0.001	
	Acrolein		0.009	
	Antimony (and compounds)		<0.001	
	Arsenic (and compounds)		<0.001	
	Barium (and compounds)		0.062	
	Benzene		0.07	
	Cadmium (and compounds)		<0.001	
	Carbon disulfide		0.04	
	Carbon tetrachloride		0.01	
	Chlorinated Dibenzo-P-Dioxins		0.00000003	
	Chlorinated dibenzofurans		0.00000001	
	Chlorobenzene		0.005	
	Chloroform		0.01	
	Chromium VI (and compounds)		<0.001	
	Cobalt compounds		<0.001	
	Copper (and compounds)		0.001	
	Cresol		0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0099 5	Cumene		0.01	
	Dibutyl phthalate		0.01	
	Dichloromethane		0.10	
	Ethyl benzene		0.01	
	Formaldehyde		0.29	
	Hexachlorobenzene		<0.001	
	Hydrochloric acid		0.46	
	Lead compounds		0.001	
	Manganese (and compounds)		0.01	
	Mercury (and compounds)		<0.001	
	Methanol		0.19	
	Methyl chloride		0.01	
	Methyl ethyl ketone		0.01	
	Methyl isobutyl ketone		0.13	
	Naphthalene		0.02	
	Nickel (and compounds)		0.001	
	Phenol		0.01	
	Polynuclear Aromatic Hydrocarbons		0.030	
	Propionaldehyde		0.01	
	Selenium (and compounds)		<0.001	
	Styrene		0.02	
	Tetrachloroethylene		0.01	
	Toluene		0.01	
	Total reduced sulfur		0.48	
EQT 0100 27	Trichloroethylene		0.01	
	Vinyl chloride		0.01	
	Xylene (mixed isomers)		0.002	
	Zinc (and compounds)		0.01	
	n-Hexane		0.08	
	Acetaldehyde		0.002	
	Benzene		0.002	
	Carbon tetrachloride		0.006	
	Methanol		0.05	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0100 27	Methyl ethyl ketone		0.01	
	Naphthalene		0.001	
	Total reduced sulfur		0.48	
EQT 0101 34	1,1,2-Trichloroethane	<0.001	<0.001	<0.01
	1,2,4-Trichlorobenzene	0.001	0.001	<0.01
	1,3-Butadiene	0.001	0.001	0.005
	Acetaldehyde	0.04	0.04	0.18
	Acrolein	0.002	0.002	0.007
	Benzene	0.001	0.001	0.01
	Carbon disulfide	0.003	0.003	0.01
	Carbon tetrachloride	<0.001	<0.001	<0.01
	Chlorine	0.09	0.09	0.38
	Chlorine dioxide	0.33	0.330	1.447
	Chlorobenzene	<0.001	<0.001	0.001
	Chloroform	0.10	0.10	0.42
	Cresol	0.17	0.18	0.76
	Cumene	0.01	0.01	0.02
	Dichloromethane	<0.001	<0.001	<0.01
	Ethyl benzene	<0.001	<0.001	<0.01
	Formaldehyde	0.02	0.02	0.07
	Hexachloroethane	0.09	0.09	0.41
	Hydrochloric acid	0.09	0.09	0.38
	Methanol	3.05	3.12	13.36
	Methyl ethyl ketone	0.02	0.02	0.08
	Methyl isobutyl ketone	0.01	0.005	0.02
	Phenol	0.10	0.10	0.43
	Propionaldehyde	0.01	0.01	0.04
	Styrene	0.002	0.002	0.01
	Toluene	0.002	0.002	0.01
	Total reduced sulfur	0.10	0.11	0.45
	Trichloroethylene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	0.003	0.003	0.01
	n-Hexane	0.001	0.001	<0.01

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0102 37	1,1,1-Trichloroethane		<0.001	
	1,1,2-Trichloroethane		<0.001	
	1,2,4-Trichlorobenzene		0.006	
	1,3-Butadiene		0.010	
	Acetaldehyde		0.07	
	Acrolein		0.003	
	Benzene		0.002	
	Carbon disulfide		0.005	
	Carbon tetrachloride		<0.001	
	Chlorine		0.98	
	Chlorine dioxide		0.555	
	Chlorobenzene		<0.001	
	Chloroform		0.16	
	Cresol		0.29	
	Cumene		0.01	
	Dichloromethane		0.002	
	Ethyl benzene		<0.001	
	Formaldehyde		0.03	
	Hexachloroethane		1.07	
	Hydrochloric acid		0.98	
	Methanol		5.12	
	Methyl ethyl ketone		0.03	
	Methyl isobutyl ketone		0.010	
	Phenol		0.17	
	Propionaldehyde		0.02	
	Styrene		0.003	
	Tetrachloroethylene		<0.001	
	Toluene		0.004	
	Total reduced sulfur		0.18	
	Trichloroethylene		0.001	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		0.001	
EQT 0103 38	1,1,1-Trichloroethane		<0.001	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0103 38	1,1,2-Trichloroethane		<0.001	
	1,2,4-Trichlorobenzene		0.004	
	1,3-Butadiene		0.010	
	Acetaldehyde		0.05	
	Acrolein		0.002	
	Benzene		0.002	
	Carbon disulfide		0.003	
	Carbon tetrachloride		<0.001	
	Chlorine		0.68	
	Chlorine dioxide		0.373	
	Chlorobenzene		<0.001	
	Chloroform		0.11	
	Cresol		0.20	
	Cumene		0.006	
	Dichloromethane		0.001	
	Ethyl benzene		<0.001	
	Formaldehyde		0.02	
	Hexachloroethane		0.72	
	Hydrochloric acid		0.70	
	Methanol		3.44	
	Methyl ethyl ketone		0.02	
	Methyl isobutyl ketone		0.006	
	Phenol		0.11	
	Propionaldehyde		0.01	
	Styrene		0.002	
	Tetrachloroethylene		<0.001	
	Toluene		0.003	
	Total reduced sulfur		0.12	
	Trichloroethylene		<0.001	
	Xylene (mixed isomers)		0.004	
	n-Hexane		0.001	
EQT 0104 39	Methanol	0.15	0.15	0.65
EQT 0105 42	Chlorine dioxide	<0.01	<0.01	0.04

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Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0106 43	Chlorine dioxide	0.010	0.080	0.07
EQT 0107 44	Chlorine dioxide	0.02	0.02	0.10
EQT 0108 47	1,2,4-Trichlorobenzene	0.001	0.001	<0.01
	Acetaldehyde	0.21	0.29	0.94
	Acrolein	0.001	0.001	0.004
	Ammonia	8.14	11.18	35.65
	Benzene	<0.001	<0.001	<0.01
	Dichloromethane	0.090	0.130	0.41
	Formaldehyde	0.001	0.001	<0.01
	Methanol	1.00	1.37	4.38
	Methyl ethyl ketone	0.02	0.03	0.11
	Methyl isobutyl ketone	0.001	0.001	<0.01
	Phenol	0.02	0.03	0.08
	Propionaldehyde	0.005	0.01	0.02
	Styrene	<0.001	<0.001	<0.01
EQT 0108 130	Tetrachloroethylene	0.001	0.002	0.01
	Toluene	0.003	0.005	0.01
	Xylene (mixed isomers)	0.001	0.001	<0.01
	1,1,1-Trichloroethane		0.01	
	1,2-Dibromoethane		<0.001	
	1,2-Dichloroethane		0.01	
	1,2-Dichloropropane		0.01	
	2,4-Dinitrophenol		<0.001	
	2,4-Dinitrotoluene		<0.001	
	4,6 Dinitro-o-cresol		<0.001	
	4-Nitrophenol		<0.001	
	Acetaldehyde		0.08	
	Acetophenone		0.002	
	Acrolein		0.031	
EQT 0108 130	Ammonia		10.72	
	Antimony (and compounds)		0.007	
	Arsenic (and compounds)		0.005	
EQT 0108 130	Barium (and compounds)		0.151	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0109 130	Benzene		0.17	
	Benzyl chloride		0.058	
	Beryllium (Table 51.1)		<0.001	
	Biphenyl		<0.001	
	Bromoform		0.003	
	Cadmium (and compounds)		0.002	
	Carbon disulfide		0.04	
	Carbon tetrachloride		0.01	
	Carbonyl sulfide		0.01	
	Chlorinated Dibenzo-P-Dioxins		0.00001671	
	Chlorinated dibenzofurans		0.00000239	
	Chlorobenzene		0.002	
	Chloroethane		0.003	
	Chloroform		0.01	
	Chromium VI (and compounds)		0.002	
	Cobalt compounds		0.003	
	Copper (and compounds)		0.078	
	Cresol		<0.001	
	Cumene		0.004	
	Cyanide compounds		0.208	
	Dibutyl phthalate		0.01	
	Dichloromethane		0.10	
	Dimethyl sulfate		0.004	
	Ethyl benzene		0.01	
	Formaldehyde		0.22	
	Hexachlorobenzene		<0.001	
	Hexachlorocyclopentadiene		<0.001	
	Hexachloroethane		<0.001	
	Hydrochloric acid		28.92	
	Hydrofluoric acid		2.49	
	Hydrogen sulfide		<0.001	
	Isophorone		0.05	
	Lead compounds		0.021	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0109 130	Manganese (and compounds)		0.009	
	Mercury (and compounds)		0.004	
	Methanol		0.16	
	Methyl Tertiary Butyl Ether		0.003	
	Methyl bromide		0.02	
	Methyl chloride		0.01	
	Methyl ethyl ketone		0.04	
	Methyl isobutyl ketone		0.10	
	Methyl methacrylate		0.002	
	Monomethyl hydrazine		0.01	
	Naphthalene		0.02	
	Nickel (and compounds)		1.50	
	Phenol		0.01	
	Phosphorus		0.04	
	Polynuclear Aromatic Hydrocarbons		0.033	
	Propionaldehyde		0.04	
	Selenium (and compounds)		3.61	
	Styrene		0.014	
	Sulfuric acid		1.43	
	Tetrachloroethylene		0.01	
	Toluene		0.02	
	Total reduced sulfur		0.01	
	Trichloroethylene		0.004	
	Vinyl acetate		0.001	
	Vinyl chloride		0.004	
	Xylene (mixed isomers)		0.003	
	Zinc (and compounds)		0.078	
	alpha-Chloroacetophenone		0.001	
	bis(2-ethylhexyl)phthalate		0.01	
	n-Hexane		0.07	
EQT 0130 158	Sulfuric acid	<0.01	<0.01	<0.01
EQT 0131 159	Sulfuric acid	<0.01	<0.01	<0.01
EQT 0136 165	Ammonia	0.14	0.14	0.60

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0003 76	Acetaldehyde	3.10		13.50
	Antimony (and compounds)	0.004		0.017
	Arsenic (and compounds)	<0.001		0.003
	Barium (and compounds)	<0.001		0.004
	Beryllium (Table 51.1)	<0.001		<0.001
	Cadmium (and compounds)	0.001		0.005
	Chromium VI (and compounds)	<0.001		<0.01
	Copper (and compounds)	0.003		0.013
	Dichloromethane	0.11		0.47
	Hydrochloric acid	7.83		33.44
	Hydrogen sulfide	7.73		33.85
	Manganese (and compounds)	<0.01		0.03
	Mercury (and compounds)	0.004		0.017
	Methanol	5.70		25.00
	Nickel (and compounds)	0.006		0.025
	Selenium (and compounds)	<0.001		<0.001
	Sulfuric acid	2.78		12.16
	Tetrachloroethylene	0.08		0.35
	Total reduced sulfur	9.66		42.32
	Zinc (and compounds)	0.06		0.25
GRP 0004 77	1,1,1-Trichloroethane	0.001		<0.01
	1,1,2-Trichloroethane	0.001		<0.01
	1,2,4-Trichlorobenzene	0.004		0.02
	1,2-Dichloroethane	0.001		<0.01
	2,2,4-Trimethylpentane	<0.01		<0.01
	Acetaldehyde	0.15		0.67
	Acrolein	0.031		0.137
	Ammonia	11.66		51.05
	Antimony (and compounds)	<0.001		<0.001
	Arsenic (and compounds)	<0.001		0.001
	Barium (and compounds)	<0.001		0.002
	Benzene	0.002		0.01
	Beryllium (Table 51.1)	<0.001		<0.001

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0004 77	Biphenyl	0.005		0.02
	Cadmium (and compounds)	<0.001		<0.001
	Carbon disulfide	0.01		0.02
	Carbon tetrachloride	0.001		<0.01
	Chlorobenzene	0.003		0.01
	Chloroform	0.001		<0.01
	Chloroprene	0.002		0.01
	Chromium VI (and compounds)	<0.001		0.002
	Copper (and compounds)	0.001		0.003
	Cumene	0.004		0.02
	Dibutyl phthalate	0.03		0.15
	Dichloromethane	0.01		0.02
	Ethyl benzene	0.001		<0.01
	Formaldehyde	0.04		0.19
	Hexachlorocyclopentadiene	0.39		1.66
	Hydrogen sulfide	0.83		3.63
	Manganese (and compounds)	0.002		0.01
	Mercury (and compounds)	<0.001		<0.001
	Methanol	1.43		6.28
	Methyl bromide	0.002		0.01
	Methyl chloride	0.02		0.07
	Methyl ethyl ketone	0.03		0.13
	Methyl isobutyl ketone	0.03		0.12
	Naphthalene	0.52		2.27
	Nickel (and compounds)	<0.001		0.001
	Phenol	0.09		0.37
	Polynuclear Aromatic Hydrocarbons	0.19		0.82
	Propionaldehyde	0.09		0.39
	Selenium (and compounds)	<0.001		<0.001
	Styrene	0.001		<0.01
	Tetrachloroethylene	0.002		0.01
	Toluene	0.01		0.02
	Total reduced sulfur	1.68		7.37

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0004 77	Trichloroethylene	0.004		0.02
	Vinyl acetate	0.01		0.03
	Xylene (mixed isomers)	0.02		0.08
	Zinc (and compounds)	0.001		0.005
	bis(2-ethylhexyl)phthalate	0.001		0.01
	n-Hexane	0.010		0.03
GRP 0005 104	1,2,4-Trichlorobenzene	0.002		0.01
	1,3-Butadiene	0.001		0.01
	Acetaldehyde	0.120		0.520
	Acrolein	0.010		0.045
	Arsenic (and compounds)	<0.001		<0.001
	Barium (and compounds)	<0.001		0.002
	Benzene	0.02		0.07
	Beryllium (Table 51.1)	<0.001		<0.001
	Cadmium (and compounds)	<0.001		0.001
	Carbon disulfide	0.010		0.03
	Chlorobenzene	0.001		0.003
	Chloroform	0.002		0.010
	Chromium VI (and compounds)	0.001		0.003
	Copper (and compounds)	<0.001		0.002
	Cumene	0.03		0.13
	Dichloromethane	0.002		0.010
	Ethyl benzene	0.001		0.002
	Formaldehyde	0.09		0.40
	Hydrochloric acid	0.035		0.15
	Hydrogen sulfide	0.92		4.04
	Manganese (and compounds)	<0.001		0.004
	Mercury (and compounds)	<0.001		<0.001
	Methanol	0.42		1.86
	Methyl bromide	0.003		0.01
	Methyl chloride	0.03		0.14
	Methyl ethyl ketone	0.04		0.18
	Methyl isobutyl ketone	0.005		0.02

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0005 104	Naphthalene	0.01		0.04
	Nickel (and compounds)	0.001		0.002
	Phenol	0.16		0.72
	Polynuclear Aromatic Hydrocarbons	0.010		0.002
	Propionaldehyde	0.09		0.40
	Styrene	0.001		0.01
	Tetrachloroethylene	0.020		0.09
	Toluene	0.01		0.04
	Total reduced sulfur	1.43		6.27
	Trichloroethylene	0.001		0.003
	Xylene (mixed isomers)	0.01		0.06
	Zinc (and compounds)	0.001		0.004
	n-Hexane	0.002		0.01
GRP 0007 123	1,1,2-Trichloroethane	0.001		<0.01
	1,2,4-Trichlorobenzene	0.010		0.03
	1,2-Dichloroethane	0.012		0.053
	1,3-Butadiene	0.003		0.012
	Acetaldehyde	0.09		0.39
	Acrolein	0.003		0.015
	Benzene	0.003		0.01
	Carbon disulfide	0.01		0.03
	Carbon tetrachloride	<0.001		<0.01
	Chlorine	1.26		5.52
	Chlorine dioxide	0.712		3.120
	Chlorobenzene	0.001		0.003
	Chloroform	0.21		0.91
	Cresol	0.38		1.84
	Cumene	0.01		0.05
	Dichloromethane	0.002		0.01
	Ethyl benzene	<0.001		<0.01
	Formaldehyde	0.03		0.15
	Hexachloroethane	1.37		6.00
	Hydrochloric acid	1.26		5.52

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0007 123	Methanol	6.58		28.80
	Methyl ethyl ketone	0.04		0.17
	Methyl isobutyl ketone	0.01		0.05
	Phenol	0.21		0.93
	Propionaldehyde	0.02		0.09
	Styrene	0.004		0.02
	Toluene	0.010		0.02
	Total reduced sulfur	0.24		1.05
	Trichloroethylene	0.001		<0.01
	Xylene (mixed isomers)	0.01		0.03
GRP 0009 125	n-Hexane	0.002		0.02
	1,1,2-Trichloroethane	0.003		0.01
	1,2,4-Trichlorobenzene	0.003		0.01
	1,3-Butadiene	<0.001		<0.001
	Acetaldehyde	0.03		0.12
	Acrolein	0.007		0.032
	Benzene	<0.001		<0.01
	Biphenyl	<0.001		<0.01
	Carbon disulfide	0.001		0.01
	Carbon tetrachloride	0.01		0.03
	Dichloromethane	0.01		0.02
	Formaldehyde	0.001		<0.01
	Methanol	1.85		8.09
	Methyl ethyl ketone	0.03		0.11
	Methyl isobutyl ketone	0.002		0.01
	Phenol	0.01		0.04
GRP 0010 126	Propionaldehyde	0.01		0.05
	Styrene	0.001		<0.01
	Toluene	0.001		<0.01
	Total reduced sulfur	1.11		4.86
	Trichloroethylene	<0.001		<0.01
	Xylene (mixed isomers)	0.001		<0.01
	1,4-Dioxane	<0.001		<0.01

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0010 126	Acetaldehyde	0.01		0.04
	Acrylamide	0.004		0.02
	Acrylic acid	<0.001		<0.01
	Diethanolamine	0.21		0.92
	Diethyl Sulfate	0.01		0.02
	Ethylene glycol	0.087		0.38
	Ethylene oxide	<0.001		0.001
	Formaldehyde	0.01		0.03
	Methanol	0.38		1.58
	Methyl isobutyl ketone	<0.001		<0.01
GRP 0015 164	Vinyl acetate	0.02		0.07
	1,1,1-Trichloroethane	<0.01		0.03
	1,1,2-Trichloroethane	<0.001		<0.01
	1,2,3,4,8,7,8,9-Octachlorodibenzodioxin	0.0011		0.0004
	1,2,4-Trichlorobenzene	<0.001		<0.01
	1,2-Dibromoethane	<0.001		<0.01
	1,2-Dichloroethane	0.008		0.031
	1,2-Dichloropropane	0.01		0.02
	1,2-dichloroethylene	<0.001		<0.01
	2,4-Dinitrophenol	<0.001		<0.01
	2,4-Dinitrotoluene	<0.01		<0.01
	4,6 Dinitro-o-cresol	<0.001		<0.01
	4-Nitrophenol	<0.001		<0.01
	Acetaldehyde	0.06		0.26
	Acetophenone	0.001		0.01
	Acrolein	0.026		0.109
	Ammonia	7.15		31.31
	Antimony (and compounds)	0.008		0.026
	Arsenic (and compounds)	0.004		0.019
	Barium (and compounds)	0.126		0.516
	Benzene	0.18		0.60
	Benzyl chloride	0.048		0.212
	Beryllium (Table 51.1)	<0.001		0.001

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0015 164	Biphenyl	<0.001		<0.01
	Bromoform	0.003		0.01
	Cadmium (and compounds)	0.001		0.006
	Carbon disulfide	0.03		0.12
	Carbon tetrachloride	0.01		0.03
	Carbonyl sulfide	<0.001		<0.01
	Chlorinated Dibenzo-P-Dioxins	0.00001392		0.00006097
	Chlorinated dibenzofurans	0.00000189		0.00000871
	Chlorobenzene	0.002		0.007
	Chloroethane	0.003		0.01
	Chloroform	0.01		0.04
	Chromium VI (and compounds)	0.001		0.01
	Cobalt compounds	0.002		0.01
	Copper (and compounds)	0.065		0.284
	Cresol	<0.001		<0.01
	Cumene	0.004		0.01
	Cyanide compounds	0.173		0.757
	Dibutyl phthalate	0.01		0.02
	Dichloromethane	0.09		0.32
	Dimethyl sulfate	0.003		0.01
	Ethyl benzene	0.01		0.04
	Formaldehyde	0.20		0.72
	Hexachlorobenzene	<0.001		<0.01
	Hexachlorocyclopentadiene	<0.001		<0.01
	Hexachloroethane	<0.001		<0.01
	Hydrochloric acid	24.10		105.56
	Hydrofluoric acid	2.08		9.09
	Hydrogen sulfide	<0.001		<0.01
	Isophorone	0.04		0.18
	Lead compounds	0.018		0.077
	Manganese (and compounds)	0.007		0.027
	Mercury (and compounds)	0.004		0.016
	Methanol	0.17		0.52

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0015 164	Methyl Tertiary Butyl Ether	0.002		0.01
	Methyl bromide	0.01		0.06
	Methyl chloride	0.01		0.03
	Methyl ethyl ketone	0.04		0.15
	Methyl isobutyl ketone	0.08		0.30
	Methyl methacrylate	0.001		0.01
	Monomethyl hydrazine	0.01		0.05
	Naphthalene	0.01		0.05
	Nickel (and compounds)	1.253		5.489
	Phenol	0.01		0.02
	Phosphorus	0.03		0.14
	Polynuclear Aromatic Hydrocarbons	0.027		0.096
	Propionaldehyde	0.03		0.14
	Selenium (and compounds)	3.008		13.174
	Styrene	0.010		0.04
	Sulfuric acid	1.21		5.30
	Tetrachloroethylene	0.01		0.04
	Toluene	0.02		0.09
	Total reduced sulfur	0.11		0.70
	Trichloroethylene	0.004		0.01
	Vinyl acetate	0.001		<0.01
	Vinyl chloride	0.003		0.01
	Xylene (mixed isomers)	0.003		0.01
	Zinc (and compounds)	0.065		0.277
GRP 0020 173	alpha-Chloroacetophenone	<0.001		<0.01
	bis(2-ethylhexyl)phthalate	0.01		0.02
	n-Hexane	0.06		0.21
	1,2,4-Trichlorobenzene	0.14		0.60
	Acetaldehyde	1.99		8.71
	Acrolein	0.119		0.519
	Benzene	0.02		0.08
	Carbon disulfide	0.06		0.25
	Chlorobenzene	0.009		0.039

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0020 173	Chloroform	0.01		0.05
	Dichloromethane	0.14		0.61
	Ethyl benzene	<0.001		<0.01
	Formaldehyde	0.32		1.41
	Methanol	2.46		10.78
	Methyl ethyl ketone	0.14		0.60
	Methyl isobutyl ketone	0.03		0.12
	Naphthalene	0.03		0.14
	Phenol	0.56		2.46
	Propionaldehyde	0.57		2.49
	Styrene	0.03		0.11
	Tetrachloroethylene	0.04		0.17
	Toluene	0.01		0.04
	Total reduced sulfur	0.76		3.32
UNF 0001 Entire Facility	Trichloroethylene	<0.001		<0.01
	Xylene (mixed isomers)	0.18		0.77
	n-Hexane	0.02		0.07
	1,1,1-Trichloroethane			0.23
	1,1,2-Trichloroethane			0.13
	1,2,4-Trichlorobenzene			2.07
	1,2-Dibromoethane			0.01
	1,2-Dichloroethane			0.11
	1,2-Dichloropropane			0.02
	1,3-Butadiene			0.028
	1,4-Dioxane			0.01
	2,2,4-Trimethylpentane			0.01
	2,4-Dinitrophenol			0.01
	2,4-Dinitrotoluene			0.01
	4,6 Dinitro-o-cresol			0.01
	4-Nitrophenol			0.01
	Acetaldehyde			43.18
	Acetophenone			0.01
	Acrolein			1.12

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 Entire Facility	Acrylamide			0.02
	Acrylic acid			0.01
	Ammonia			118.61
	Antimony (and compounds)			0.044
	Arsenic (and compounds)			0.024
	Barium (and compounds)			0.52
	Benzene			1.21
	Benzyl chloride			0.21
	Beryllium (Table 51.1)			0.004
	Biphenyl			0.04
	Bromoform			0.01
	Cadmium (and compounds)			0.013
	Carbon disulfide			1.83
	Carbon tetrachloride			0.32
	Carbonyl sulfide			0.04
	Chlorinated Dibenzo-P-Dioxins			0.00008097
	Chlorinated dibenzofurans			0.00000871
	Chlorine			5.80
	Chlorine dioxide			4.847
	Chlorobenzene			0.15
	Chloroethane			0.01
	Chloroform			3.16
	Chloroprene			0.01
	Chromium VI (and compounds)			0.025
	Cobalt compounds			0.01
	Copper (and compounds)			0.299
	Cresol			2.41
	Cumene			0.31
	Cyanide compounds			0.76
	Dibutyl phthalate			0.17
	Dichloromethane			2.01
	Diethanolamine			0.92
	Diethyl Sulfate			0.02

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 Entire Facility	Dimethyl sulfate			0.01
	Ethyl benzene			0.08
	Ethylene glycol			0.38
	Ethylene oxide			0.001
	Formaldehyde			4.42
	Hexachlorobenzene			0.01
	Hexachlorocyclopentadiene			1.67
	Hexachloroethane			6.42
	Hydrochloric acid			145.05
	Hydrogen sulfide			42.91
	Isophorone			0.18
	Lead compounds			0.107
	Manganese (and compounds)			0.071
	Mercury (and compounds)			0.038
	Methanol			192.22
	Methyl Tertiary Butyl Ether			0.01
	Methyl bromide			0.08
	Methyl chloride			0.278
	Methyl ethyl ketone			14.12
	Methyl isobutyl ketone			1.27
	Methyl methacrylate			0.01
	Monomethyl hydrazine			0.05
	Naphthalene			3.09
	Nickel (and compounds)			5.517
	Phenol			6.37
	Phosphorus			0.14
	Polynuclear Aromatic Hydrocarbons			0.918
	Propionaldehyde			4.21
	Selenium (and compounds)			13.176
	Styrene			0.84
	Sulfuric acid			17.51
	Tetrachloroethylene			1.33
	Toluene			1.35

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 Entire Facility	Total reduced sulfur			124.71
	Trichloroethylene			0.233
	Vinyl acetate			0.11
	Vinyl chloride			0.01
	Xylene (mixed isomers)			1.89
	Zinc (and compounds)			0.536
	alpha-Chloroacetophenone			0.01
	bis(2-ethylhexyl)phthalate			0.03
	n-Hexane			0.68

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

CRG 0001 MACT - Common MACT Group

Group Members: EQT 0048EQT 0049EQT 0050EQT 0051EQT 0052EQT 0053EQT 0054EQT 0055EQT 0056EQT 0059EQT 0060EQT 0062EQT 0063EQT 0064EQT 0065EQT 0066EQT 0067EQT 0068EQT 0069EQT 0070EQT 0071EQT 0072EQT 0073EQT 0074EQT 0075EQT 0076EQT 0077EQT 0078EQT 0079EQT 0080EQT 0081EQT 0082EQT 0083EQT 0084EQT 0085EQT 0086EQT 0087EQT 0088EQT 0089EQT 0090EQT 0091EQT 0092EQT 0093EQT 0094EQT 0095EQT 0096EQT 0097ARE 0098ARE 0099ARE 0099EQT 0011EQT 0014EQT 0015EQT

- 1 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
"No additional controls" is determined as MACT.

CRG 0002 BACT - Common BACT Group

Group Members: EQT 0061EQT 0062EQT 0063EQT 0064FUG 0001FUG 0004FUG 0005

- 2 [LAC 33:II.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). "No additional controls" is determined as BACT for PM/PM10.

EQT 0030 63 - Gasoline Storage Tank

- 3 [LAC 33:II.2103.A] Equip with a submerged fill pipe.
Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2.103.I.1 - 7, as applicable.
Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ
(Shall be equipped with a submerged fill pipe is determined as MACT).

EQT 0031 65 - Paper Broke Cyclones

- 7 [LAC 33:III.507.H.1.a] Cyclone vents: Visible emissions recordkeeping by electronic or hard copy weekly.
Cyclone vents: Visible emissions monitored by visual inspection/determination weekly.
Which Months: All Year Statistical Basis: None specified
Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
Cyclone vents: Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
Which Months: All Year Statistical Basis: None specified

EQT 0032 68 - TM No. 5 Dryer Hood Vent

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0032 68 - TM No. 5 Dryer Hood Vent

[LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. (Complies by using sweet natural gas).

Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 No additional controls is determined as MACT.

0034 70 - TM No. 5 Wet Scrubber Vent

[LAC 33:III.501.C.6] Flow rate >= 500 gallons/min.

Which Months: All Year Statistical Basis: None specified
 Flow rate monitored by flow rate monitoring device once every four hours.

[LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
 Submit report: Due quarterly, by June 30, September 30, December 31 in accordance with Part 70 General Condition R. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
 Flow rate recordkeeping by electronic or hard copy once every four hours.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 No additional controls is determined as MACT.

0035 71A - No. 3 & 4 Starch Silo Baghouse

) [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination during loading.
 Which Months: All Year Statistical Basis: None specified
 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a 98% removal efficiency baghouse - Determined as BACT.

0036 71B - Wet End Starch Silo Baghouse

SPECIFIC REQUIREMENTS**AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations**

Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

EQT 0036 71B - Wet End Starch Silo Baghouse

- 24 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 25 [LAC 33:III.507.H.1.a]
- 26 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination during loading.
 Which Months: All Year Statistical Basis: None specified
- 27 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
- 28 [LAC 33:III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a 98% removal efficiency baghouse - Determined as BACT.

QT 0037 71C - Bentonite Silo Baghouse

- 29 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Filter vents: Visible emissions monitored by visual inspection/determination during loading.
 Which Months: All Year Statistical Basis: None specified
- 30 [LAC 33:III.507.H.1.a]
- 31 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 32 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
- 33 [LAC 33:III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a 98% removal efficiency baghouse - Determined as BACT.

QT 0057 91 - Lime Silo Baghouse No. 1

- 34 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
- 35 [LAC 33:III.507.H.1.a]
- 36 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 37 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination during loading.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-Y8

Air - Title V Regular Permit Minor Mod

0058 92 - Lime Silo Baghouse No. 2

[LAC 33:III.507.H.1.a]

Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.

[LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions monitored by visual inspection/determination during loading.

[LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

0065 98 - ESCO Chip Bln Cyclone

[LAC 33:III.507.H.1.a]

Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

[LAC 33:III.507.H.1.a]

Cyclone vents: Visible emissions monitored by visual inspection/determination weekly.

[LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: None specified

Cyclone vents: Visible emissions recordkeeping by electronic or hard copy weekly of inspection.

[LAC 33:III.507.H.1.a]

Cyclone vents: Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance

[LAC 33:III.507.H.1.a]

may be necessary. Perform maintenance as necessary.

[LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: None specified

0079 105 - Tissue Machine No. 6 Vacuum Pump Exhaust

[LAC 33:III.509]

Shall comply with all applicable provisions of PSD-LA-581(M-4). No additional control is determined as BACT for PM/PM10.

[LAC 33:III.5109.A]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. No additional controls is determined as MACT.

0080 106 - Tissue Machine No. 6 TAD Exhaust 1

[LAC 33:III.110.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

[LAC 33:III.1513]

Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques to maintain maximum CO emissions at 0.18 lb/MM BTU - Determined as BACT.

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-000010-V8

Air - Title V Regular Permit Minor Mod

QT 0080 106 - Tissue Machine No. 6 TAD Exhaust 1

51 [LAC 33:III.509]

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be fueled with natural gas - Determined as BACT for SO2 and PM/PM10.

QT 0081 107 - Tissue Machine No. 6 TAD Exhaust 2

52 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques to maintain maximum CO emissions at 0.18 lb/MM BTU - Determined as BACT.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be fueled with natural gas - Determined as BACT for SO2 and PM/PM10.

QT 0082 108 - Tissue Machine No. 6 Mist Elimination System

56 [LAC 33:III.509]

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a 85% removal efficiency mist elimination system - Determined as BACT for PM/PM10.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. No additional controls is determined as MACT.

QT 0083 109 - Tissue Machine No. 6 Dust Collection System

58 [40 CFR 64.3(b)(3)]

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any, of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

Flow rate monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]

Which Months: All Year Statistical Basis: None specified

An excursion or exceedance is defined as flow rates lower than established by stack testing. The minimum flow rate must be established and reported to DEQ within 180 days of permit issuance. [40 CFR 64.6(c)(2)]

SPECIFIC REQUIREMENTS**AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER2090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****0083 109 - Tissue Machine No. 6 Dust Collection System**

- [40 CFR 64.6(c)(2)] Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- [40 CFR 64.6(c)(4)] Flow rate recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]
- [40 CFR 64.6(d)] Testing and final verification of operational status: Due within 180 days of permit issuance. [40 CFR 64.6(d)]
- Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the PM-10 emission limitation or the control efficiency standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER2009015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

QT 0083 109 - Tissue Machine No. 6 Dust Collection System

- 74 [LAC 33.III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a 98% removal efficiency dust scrubber systems - Determined as BACT for PM/PM10.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 No additional controls is determined as MACT.

QT 0084 110 - Tissue Machine No. 6 Converting Pulper Exhaust

- 76 [LAC 33.III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). No additional control is determined as BACT for PM/PM10.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 No additional controls is determined as MACT.

QT 0085 111 - Tissue Machine No. 6 Yankee Alrcap Exhaust

- 78 [40 CFR 52.] Shall comply with all applicable provisions of PSD regulations, including using good equipment design & proper combustion techniques as BACT of Carbon monoxide <= 0.18 lb/MMBTU.
 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any, of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implementation monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]
 Water Spray System Flow rate monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
 Which Months: All Year. Statistical Basis: None specified
 Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
 An excursion or exceedance is defined as flow rates lower than established by stack testing. The minimum flow rate must be established and reported to DEQ within 180 days of permit issuance. [40 CFR 64.6(c)(2)]
 Water Spray System Flow rate recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]
 Testing and final verification of operational status: Due within 180 days of permit issuance. [40 CFR 64.6(d)]
 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

SPECIFIC REQUIREMENTS**AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-Y8****Air - Title V Regular Permit Minor Mod****0085 111 - Tissue Machine No. 6 Yankee Aircap Exhaust**

Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated capture system to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the PM-10 emission limitation or the control efficiency standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
[LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be fueled with natural gas - Determined as BACT for SO2.
[LAC 33:III.1513]
[LAC 33:III.509]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER2009015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

QT 0085 111 - Tissue Machine No. 6 Yankee Aircap Exhaust

98 [LAC 33:III.509]

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize water spraying technique to maintain maximum PM/PM10 emissions at 0.0157 lb/MM BTU - Determined as BACT.

99 [LAC 33:III.509]

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques to maintain maximum CO emissions at 0.18 lb/MM BTU - Determined as BACT.

QT 0092 72 - Recovery Furnace No. 1

00 [40 CFR 60.282(a)(1)(i)]

Total suspended particulate <= 0.044 gr/dscf (0.10 g/dsm) corrected to 8 percent oxygen. Subpart BB. [40 CFR 60.282(a)(1)(i)]

Which Months: All Year Statistical Basis: None specified

Opacity <= 35 percent. Subpart BB. [40 CFR 60.282(a)(1)(ii)]

Which Months: All Year Statistical Basis: None specified

Total reduced sulfur <= 5 ppmv (dry basis) corrected to 8 percent oxygen. Subpart BB. [40 CFR 60.283(a)(2)]

Which Months: All Year Statistical Basis: None specified

Opacity recordkeeping by electronic or hard copy continuously. Subpart BB. [40 CFR 60.284(a)(1)]

Opacity monitored by continuous opacity monitor (COM) continuously. Set the span of this system at 70 percent opacity. Subpart BB. [40 CFR 60.284(a)(1)]

Which Months: All Year Statistical Basis: None specified

Total reduced sulfur recordkeeping by electronic or hard copy continuously. Record the concentration of TRS emissions on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

Total reduced sulfur monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of TRS emissions on a dry basis, except where the provisions of 40 CFR 60.283(a)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at a TRS concentration of 30 ppm. Subpart BB. [40 CFR 60.284(a)(2)]

Which Months: All Year Statistical Basis: None specified

Oxygen monitored by continuous emission monitor (CEM) continuously. Monitor the percent of oxygen by volume on a dry basis, except where the provisions of 40 CFR 60.283(a)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at 25 percent oxygen. Subpart BB. [40 CFR 60.284(a)(2)]

Which Months: All Year Statistical Basis: None specified

Oxygen recordkeeping by electronic or hard copy continuously. Record the percent of oxygen by volume on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

Calculate on a daily basis the 12-hour average TRS concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Determine each 12-hour average as the arithmetic mean of the appropriate 12 contiguous 1-hour average total reduced sulfur concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(1)]

Total reduced sulfur recordkeeping by electronic or hard copy daily. Record the 12-hour average TRS concentrations for the two consecutive

periods of each operating day. Subpart BB. [40 CFR 60.284(c)(1)]

SPECIFIC REQUIREMENTS**AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-0010-V8****Air - Title V Regular Permit Minor Mod****0092 72 - Recovery Furnace No. 1**

- Calculate and record on a daily basis 12-hour average oxygen concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Ensure that these 12-hour averages correspond to the 12-hour average TRS concentrations under 40 CFR 60.284(c)(1). Determine the 12-hour averages as an arithmetic mean of the appropriate 12 contiguous 1-hour average oxygen concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(2)]
- Oxygen recordkeeping by electronic or hard copy daily. Record the 12-hour average oxygen concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(2)]
- Submit Report: Due semiannually. Submit reports of any periods of excess emissions as defined in 40 CFR 60.284(d), for the purpose of reports required under 40 CFR 60.7(c). Subpart BB. [40 CFR 60.284(d)]
- Follow the procedures under 40 CFR 60.13 for installation, evaluation, and operation of the continuous monitoring systems required under 40 CFR 60.284. Subpart BB. [40 CFR 60.284(f)]
- Use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures in 40 CFR 60.285, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart BB. [40 CFR 60.285(a)]
- Determine compliance with the particulate matter standards in 40 CFR 60.282(a)(1) and (3) using the methods and procedures specified in 40 CFR 60.285(b)(1) to (b)(3). Subpart BB. [40 CFR 60.285(b)]
- Determine compliance with the particulate matter standard in 40 CFR 60.282(a)(2) using the methods and procedures specified in 40 CFR 60.285(c)(1) to (c)(3). Subpart BB. [40 CFR 60.285(c)]
- Determine compliance with the TRS standards in 40 CFR 60.283, except 40 CFR 60.283(a)(1)(vi) and (4), using the methods and procedures specified in 40 CFR 60.285(d)(1) to (d)(3). Subpart BB. [40 CFR 60.285(d)]
- Determine compliance with the TRS standards in 40 CFR 60.283(a)(1)(vi) and (4) using the methods and procedures specified in 40 CFR 60.285(e)(1) to (e)(4). Subpart BB. [40 CFR 60.285(e)]
- Demonstrate that the fuel oil meets the definition of very low sulfur oil by: (1) Following the performance testing procedures as described in 40 CFR 60.4285(e)(1) to (e)(4), and following monitoring procedures in 40 CFR 60.283(a)(1)(vi) and (4); (2) maintaining fuel receipts as described in 40 CFR 60.49b(t). Subpart Db. [40 CFR 60.42b(j)]
- Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period.
- Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
- Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
- Fuel sulfur content recordkeeping by fuel certification receipts upon each occurrence of receipt from the fuel supplier certifying that the oil meets the definition of distillate oil in 40 CFR 60.41b and the applicable sulfur limit. Maintain the fuel receipts at the facility. Subpart Db. [40 CFR 60.49b(r)(1)]
- Submit a report to DEQ certifying that only very low sulfur oil meeting the definition in 40 CFR 60.41b and/or pipeline quality natural gas was combusted during the reporting period. Subpart Db. [40 CFR 60.49b(r)(1)]
- Particulate matter (10 microns or less) <= 0.044 gr/dscfm (0.10 g/dscfm), corrected to 8 percent oxygen. Subpart MM. [40 CFR 63.862(a)(1)(i)(A)]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015
 Permit Number: 0B40-00010-Y8
 Air - Title V Regular Permit Minor Mod

QT 0092 72 - Recovery Furnace No. 1

- 126 [40 CFR 63.865]
 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM.
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request.
- 127 [LAC 33:III.1101.B]
 Total suspended particulate <= 4.0 lb/equivalent pulp ton (2.0 kg/equivalent pulp metric ton).
- Which Months: All Year Statistical Basis: None specified
 Do not exceed the limits set forth in LAC 33:III.1503.C.
- 128 [LAC 33:III.1513]
 Submit test results: Due to the Office of Environmental Assessment, Environmental Technology Division as specified in LAC 33:III.919 and 918. Submit the results of the source test.
- 129 [LAC 33:III.2301.D.1.a]
 Total suspended particulate monitored by the regulation's specified method(s) at the regulation's specified frequency. Conduct source tests pursuant to the provisions in LAC 33:III.1503.D.2, Table 4, to confirm particulate emissions are less than that specified in LAC 33:III.2301.D.1. Conduct four tests at six month intervals within 24 months of promulgation of LAC 33:III.2301, and one test annually thereafter.
- Which Months: All Year Statistical Basis: None specified
 Opacity <= 40 percent, except for one 6-minute period in any 60 consecutive minutes.
- 130 [LAC 33:III.2301.D.2]
 Which Months: All Year Statistical Basis: Six-minute average
- 131 [LAC 33:III.2301.D.4.a]
 Annual capacity factor of Natural gas and Distillate oil < 10 percent. If this limit is exceeded the NOx standards for 40 CFR 60 Subpart Db apply. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the natural gas and distillate oil combined capacity factor exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6, 40 CFR 60.44b(c)]
 Annual Capacity Factor for Natural gas and Distillate oil monitored by calculations monthly.
- 132 [LAC 33:III.2301.D.4]
 Submit report: Due annually, by the 31st of March. Report the natural gas and distillate oil combined annual capacity factor for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 133 [LAC 33:III.2301.D.4]
 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the natural gas and distillate oil combined annual capacity factor each month, as well as the total for the last twelve months. Make records available for inspection by DEQ personnel.
- 134 [LAC 33:III.501.C.6]
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize an NDCE design to maintain maximum TRS emissions at 5 ppmv @ 8% O₂. Determined as BACT.
- 135 [LAC 33:III.507.H.1.a]
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with an electrostatic precipitator (ESP) to maintain maximum PM/PM10 emissions at 0.025 gr/dscf - Determined as BACT.
- 136 [LAC 33:III.507.H.1.a]
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques - Determined as BACT for CO.
- 137 [LAC 33:III.507.H.1.a]
- 138 [LAC 33:III.509]
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize an NDCE design to maintain maximum TRS emissions at 5 ppmv
- 139 [LAC 33:III.509]
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with an electrostatic precipitator (ESP) to maintain maximum PM/PM10 emissions at 0.025 gr/dscf - Determined as BACT.
- 140 [LAC 33:III.509]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

0092 72 - Recovery Furnace No. 1

[LAC 33:III.509]

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall maintain maximum SO₂ emissions at 120 ppmv @ 8% O₂ - Determined as BACT.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize staged combustion, good equipment design and proper combustion techniques to maintain maximum NOX emissions at 112 ppmv @ 8% O₂ - Determined as BACT.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (

Compliance with 40 CFR 63 Subpart MM is determined to be MACT).

0093 73 - Recovery Furnace No. 2

[40 CFR 60.282(a)(1)(i)]

Total suspended particulate <= 0.044 gr/dscf (0.10 g/dscm) corrected to 8 percent oxygen. Subpart BB. [40 CFR 60.282(a)(1)(i)]

Which Months: All Year Statistical Basis: None specified

Opacity <= 35 percent. Subpart BB. [40 CFR 60.282(a)(1)(ii)]

Which Months: All Year Statistical Basis: None specified

Total reduced sulfur <= 5 ppmv (dry basis) corrected to 8 percent oxygen. Subpart BB. [40 CFR 60.283(a)(2)]

Which Months: All Year Statistical Basis: None specified

Opacity monitored by continuous opacity monitor (COM) continuously. Set the span of this system at 70 percent opacity. Subpart BB. [40 CFR 60.284(a)(1)]

Which Months: All Year Statistical Basis: None specified

Opacity recordkeeping by electronic or hard copy continuously. Subpart BB. [40 CFR 60.284(a)(1)]

Oxygen recordkeeping by electronic or hard copy continuously. Record the percent of oxygen by volume on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

Total reduced sulfur recordkeeping by electronic or hard copy continuously. Record the concentration of TRS emissions on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

Oxygen monitored by continuous emission monitor (CEM) continuously. Monitor the percent of oxygen by volume on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s).

Set the span at 25 percent oxygen. Subpart BB. [40 CFR 60.284(a)(2)]

Which Months: All Year Statistical Basis: None specified

Total reduced sulfur monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of TRS emissions on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at a TRS concentration of 30 ppm. Subpart BB. [40 CFR 60.284(a)(2)]

Which Months: All Year Statistical Basis: None specified

Calculate on a daily basis the 12-hour average TRS concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Determine each 12-hour average as the arithmetic mean of the appropriate 12 contiguous 1-hour average total reduced sulfur concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(1)]

Total reduced sulfur recordkeeping by electronic or hard copy daily. Record the 12-hour average TRS concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-Y8

Air - Title V Regular Permit Minor Mod

QT 0093 73 - Recovery Furnace No. 2

55	[40 CFR 60.284(c)(2)]	Calculate and record on a daily basis 12-hour average oxygen concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Ensure that these 12-hour averages correspond to the 12-hour average TRS concentrations under 40 CFR 60.284(c)(1). Determine the 12-hour averages as an arithmetic mean of the appropriate 12 contiguous 1-hour average oxygen concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(2)]
56	[40 CFR 60.284(c)(2)]	Oxygen recordkeeping by electronic or hard copy daily. Record the 12-hour average oxygen concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(2)]
57	[40 CFR 60.284(d)]	Submit Report. Due semiannually. Submit reports of any periods of excess emissions as defined in 40 CFR 60.284(d), for the purpose of reports required under 40 CFR 60.7(c). Subpart BB. [40 CFR 60.284(d)]
58	[40 CFR 60.284(f)]	Follow the procedures under 40 CFR 60.13 for installation, evaluation, and operation of the continuous monitoring systems required under 40 CFR 60.284. Subpart BB. [40 CFR 60.284(f)]
59	[40 CFR 60.285(a)]	Use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures in 40 CFR 60.285, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart BB. [40 CFR 60.285(a)]
60	[40 CFR 60.285(b)]	Determine compliance with the particulate matter standards in 40 CFR 60.282(a)(1) and (3) using the methods and procedures specified in 40 CFR 60.285(b)(1)to (b)(3). Subpart BB. [40 CFR 60.285(b)]
61	[40 CFR 60.285(c)]	Determine compliance with the particular matter standard in 40 CFR 60.282(a)(2) using the methods and procedures specified in 40 CFR 60.285(c)(1) to (c)(3). Subpart BB. [40 CFR 60.285(c)]
62	[40 CFR 60.285(d)]	Determine compliance with the TRS standards in 40 CFR 60.283, except 40 CFR 60.283(a)(1)(vi) and (4), using the methods and procedures specified in 40 CFR 60.285(d)(1) to (d)(3). Subpart BB. [40 CFR 60.285(d)]
63	[40 CFR 60.285(e)]	Determine compliance with the TRS standards in 40 CFR 60.283(a)(1)(vi) and (4) using the methods and procedures specified in 40 CFR 60.285(e)(1) to (e)(4). Subpart BB. [40 CFR 60.285(e)]
64	[40 CFR 60.42b(j)]	Demonstrate that the fuel oil meets the definition of very low sulfur oil by: (1) Following the performance testing procedures as described in 40 CFR 60.45b(c) or 60.45b(d), and following monitoring procedures in 40 CFR 60.47b(a) or 60.47b(b); or (2) maintaining fuel receipts as described in 40 CFR 60.49b(r). Subpart Db. [40 CFR 60.42b(j)]
65	[40 CFR 60.49b(d)]	Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
66	[40 CFR 60.49b(o)]	Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
67	[40 CFR 60.49b(r)(1)]	Fuel sulfur content recordkeeping by fuel certification receipts upon each occurrence of receipt from the fuel supplier certifying that the oil meets the definition of distillate oil in 40 CFR 60.41b and the applicable sulfur limit. Maintain the fuel receipts at the facility. Subpart Db. [40 CFR 60.49b(r)(1)]
58	[40 CFR 60.49b(r)(1)]	Submit a report to DEQ certifying that only very low sulfur oil meeting the definition in 40 CFR 60.4 lb and/or pipeline quality natural gas was combusted during the reporting period. Subpart Db. [40 CFR 60.49b(r)(1)]
59	[40 CFR 63.862(a)(1)(i)(A)]	Particulate matter (10 microns or less) <= 0.044 gr/dscm, corrected to 8 percent oxygen. Subpart MM. [40 CFR 63.862(a)(1)(i)(A)]
	Which Month: All Year	Statistical Basis: None specified

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SPECIFIC REQUIREMENTS**AJ ID: 2617 - Georgia Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-Y8****Air - Title V Regular Permit Minor Mod****0093 73 - Recovery Furnace No. 2**

[40 CFR 63.865] [LAC 33:III.1101.B] Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request.

Total suspended particulate <= 4.0 lb/equivalent pulp ton (2.0 kg/equivalent pulp metric ton).

Which Months: All Year Statistical Basis: None specified

Do not exceed the limits set forth in LAC 33:III.1503.C.

Submit test results: Due to the Office of Environmental Assessment, Environmental Technology Division as specified in LAC 33:III.919 and 918. Submit the results of the source test.

Total suspended particulate monitored by the regulation's specified method(s) at the regulation's specified frequency. Conduct source tests pursuant to the provisions in LAC 33:III.1503.D.2, Table 4, to confirm particulate emissions are less than that specified in LAC 33:III.2301.D.1. Conduct four tests at six month intervals within 24 months of promulgation of LAC 33:III.2301, and one test annually thereafter.

Which Months: All Year Statistical Basis: None specified

Opacity <= 40 percent, except for one 6-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Annual capacity factor of Natural gas and Distillate oil < 10 percent. If this limit is exceeded the NO_x standards for 40 CFR 60 Subpart Db apply. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the natural gas and distilled oil capacity factor exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Submit report: Due annually, by the 31st of March. Report the natural gas and distilled oil combined annual capacity factor for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

Annual capacity factor for Natural gas and Distillate oil monitored by calculations monthly.

Equipment/operational data: Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the natural gas and distillate oil combined annual capacity factor each month, as well as the total for the last twelve months. Make records available for inspection by DEQ personnel.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize staged combustion, good equipment design and proper combustion techniques to maintain maximum NO_x emissions at 112 ppmv @ 8% O₂ - Determined as BACT.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques - Determined as BACT for CO.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall maintain maximum SO₂ emissions at 120 ppmv @ 8% O₂ - Determined as BACT.

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER2009015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

QT 0093 73 - Recovery Furnace No. 2

- 185 [LAC 33:III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize an NDCE design to maintain maximum TRS emissions at 5 ppmv @ 8% O₂ - Determined as BACT.
- 186 [LAC 33:III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with an electrostatic precipitator (ESP) to maintain maximum PM/PM10 emissions at 0.025 gr/dscf - Determined as BACT.
- 187 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart MM is determined to be MACT).

QT 0094 7 - Smelt Tank Scrubber No. 1

- 188 [40 CFR 63.862(a)(1)(i)(B)] Particulate matter (10 microns or less) <= 0.20 lb/ton (0.10 kg/Mg) of black liquor solids fired. Subpart MM. [40 CFR 63.862(a)(1)(i)(B)] Which Months: All Year Statistical Basis: None specified Provide to the DEQ an alternative monitoring request that includes a site-specific monitoring plan, a description of the control device, test results verifying the performance of the control device, the appropriate operating parameters that will be monitored, and the frequency of measuring and recording to establish continuous compliance with the standards. Install, calibrate, operate, and maintain the monitor(s) in accordance with the alternative monitoring request approved by the DEQ. Include in the information submitted to the DEQ proposed performance specifications and quality assurance procedures for the monitors. Monitor the parameters as approved by the DEQ using the methods and procedures in the alternative monitoring request. Subpart MM. [40 CFR 63.864(e)(14)]
- 90 [40 CFR 63.865] Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM.
- Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM.
- 91 [40 CFR 63.865] Do not exceed the limits set forth in LAC 33:III.1503.C.
- 92 [LAC 33:III.2301.D.2] Total reduced sulfur <= 0.016 g/kg of black liquor solids fired. Alternatively, compliance with the particulate emission limits of LAC 33:III.2301.D.1 b by a scrubbing device employing fresh water or weak wash as the scrubbing medium make up will be accepted as evidence of adequate TRS control.
- 93 [LAC 33:III.2301.D.3.f] Which Months: All Year Statistical Basis: Twelve-hour average Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.
- 94 [LAC 33:III.2301.D.3.j] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design to minimize CO emissions - Determined as BACT.
- 95 [LAC 33:III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design to minimize NOX emissions - Determined as BACT.
- 96 [LAC 33:III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design to minimize TRS emissions - Determined as BACT.
- 97 [LAC 33:III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber to maintain maximum TRS emissions at 0.016 g/kg BLS fired - Determined as BACT.
- 98 [LAC 33:III.509] Sulfur dioxide: Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber to minimize SO₂ emissions - Determined as BACT.
- 99 [LAC 33:III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber to maintain maximum PM/PM10 emissions at 0.5 lb/equivalent pulp ton - Determined as BACT.

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0B40-00010-Y8

Air - Title V Regular Permit Minor Mod

0094 7 . Smelt Tank Scrubber No. 1

[LAC 33:III.5109.A]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ
 (Compliance with 40 CFR 63 Subpart MM is determined to be MACT).

0095 8 . Smelt Tank Scrubber No. 2, Stack A

[40 CFR 63.862(a)(1)(i)(B)]

Particulate matter (10 microns or less) <= 0.20 lb/ton (0.10 kg/Mg) of black liquor solids fired. Subpart MM. [40 CFR 63.862(a)(1)(i)(B)]
 Which Months: All Year Statistical Basis: None specified
 Provide to the DEQ an alternative monitoring request that includes a site-specific monitoring plan, a description of the control device, test results verifying the performance of the control device, the appropriate operating parameters that will be monitored, and the frequency of measuring and recording to establish continuous compliance with the standards. Install, calibrate, operate, and maintain the monitor(s) in accordance with the alternative monitoring request approved by the DEQ. Include in the information submitted to the DEQ proposed performance specifications and quality assurance procedures for the monitors. Monitor the parameters as approved by the DEQ using the methods and procedures in the alternative monitoring request. Subpart MM. [40 CFR 63.864(e)(14)]
 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM.

Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM.
 Do not exceed the limits set forth in LAC 33:III.1503.C.
 Total reduced sulfur <= 0.016 g/kg of black liquor solids fired. Alternatively, compliance with the particulate emission limits of LAC 33:III.2301.D.1.b by a scrubbing device employing fresh water or weak wash as the scrubbing medium make up will be accepted as evidence of adequate TRS control.

Which Months: All Year Statistical Basis: Twelve-hour average
 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design to minimize NOX emissions - Determined as BACT.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber to maintain maximum TRS emissions at 0.016 g/kg BLS fired - Determined as BACT.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber to maintain maximum PM/PM10 emissions at 0.5 lb/equivalent pulp ton - Determined as BACT.
 Sulfur dioxide: Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber to minimize SO2 emissions - Determined as BACT.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design to minimize CO emissions - Determined as BACT.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ
 (Compliance with 40 CFR 63 Subpart MM is determined to be MACT).

TPOR0147

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

QT 0096 9 - Smelt Tank Scrubber No. 2, Stack B

- :14 [40 CFR 63.862(a)(1)(B)] Particulate matter (10 microns or less) <= 0.20 lb/ton (0.10 kg/Mg) of black liquor solids fired. Subpart MM. [40 CFR 63.862(a)(1)(B)]
 Which Months: All Year Statistical Basis: None specified
- :15 [40 CFR 63.864(e)(14)] Provide to the DEQ an alternative monitoring request that includes a site-specific monitoring plan, a description of the control device, test results verifying the performance of the control device, the appropriate operating parameters that will be monitored, and the frequency of measuring and recording to establish continuous compliance with the standards. Install, calibrate, operate, and maintain the monitor(s) in accordance with the alternative monitoring request approved by the DEQ. Include in the information submitted to the DEQ proposed performance specifications and quality assurance procedures for the monitors. Monitor the parameters as approved by the DEQ using the methods and procedures in the alternative monitoring request. Subpart MM. [40 CFR 63.864(e)(14)]
- :16 [40 CFR 63.865] Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM.
- :17 [40 CFR 63.865] Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM.
- :18 [LAC 33:III.2301.D.2] Do not exceed the limits set forth in LAC 33:III.1503.C.
- :19 [LAC 33:III.2301.D.3.f] Total reduced sulfur <= 0.016 g/kg of black liquor solids fired. Alternatively, compliance with the particulate emission limits of LAC 33:III.2301.D.1.b by a scrubbing device employing fresh water or weak wash as the scrubbing medium make up will be accepted as evidence of adequate TRS control.
 Which Months: All Year Statistical Basis: Twelve-hour average
 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber to maintain maximum TRS emissions at 0.016 g/kg BLS fired - Determined as BACT.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design to minimize NOX emissions - Determined as BACT.
 Sulfur dioxide: Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber to minimize SO2 emissions - Determined as BACT.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber to maintain maximum PM/PM10 emissions at 0.5 lb/equivalent pulp ton - Determined as BACT.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design to minimize CO emissions - Determined as BACT.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart MM is determined to be MACT).
- :20 [LAC 33:III.2301.D.3.i]
- :21 [LAC 33:III.509]
- :22 [LAC 33:III.509]
- :23 [LAC 33:III.509]
- :24 [LAC 33:III.509]
- :25 [LAC 33:III.509]
- :26 [LAC 33:III.5109.A]

QT 0097 10 - Lime Kiln No. 1 / Scrubber

- :27 [40 CFR 60.282(a)(3)(i)] Total suspended particulate <= 0.066 gr/dscf (0.15 g/dscm) corrected to 10 percent oxygen, when gaseous fossil fuel is burned. Subpart BB. [40 CFR 60.282(a)(3)(i)]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

0097 10 - Lime Kiln No. 1 / Scrubber

- [40 CFR 60.283(a)(5)] Total reduced sulfur <= 8 ppmv (dry basis) corrected to 10 percent oxygen. Subpart BB. [40 CFR 60.283(a)(5)]
 Which Months: All Year Statistical Basis: None specified
- [40 CFR 60.284(a)(2)] Total reduced sulfur monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of TRS emissions on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at a TRS concentration of 30 ppm. Subpart BB. [40 CFR 60.284(a)(2)]
- Which Months: All Year Statistical Basis: None specified
 Oxygen monitored by continuous emission monitor (CEM) continuously. Monitor the percent of oxygen by volume on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s).
- [40 CFR 60.284(a)(2)] Set the span at 25 percent oxygen. Subpart BB. [40 CFR 60.284(a)(2)]
- Which Months: All Year Statistical Basis: None specified
 Total reduced sulfur recordkeeping by electronic or hard copy continuously. Record the concentration of TRS emissions on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]
- [40 CFR 60.284(a)(2)] Oxygen recordkeeping by electronic or hard copy continuously. Record the percent of oxygen by volume on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]
- [40 CFR 60.284(a)(2)] Calculate on a daily basis the 12-hour average TRS concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Determine each 12-hour average as the arithmetic mean of the appropriate 12 contiguous 1-hour average total reduced sulfur concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(a)(1)]
- [40 CFR 60.284(c)(1)] Total reduced sulfur recordkeeping by electronic or hard copy daily. Record the 12-hour average TRS concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(1)]
- [40 CFR 60.284(c)(2)] Calculate and record on a daily basis 12-hour average oxygen concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Ensure that these 12-hour averages correspond to the 12-hour average TRS concentrations under 40 CFR 60.284(c)(1). Determine the 12-hour averages as an arithmetic mean of the appropriate 12 contiguous 1-hour average oxygen concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(2)]
- [40 CFR 60.284(c)(2)] Oxygen recordkeeping by electronic or hard copy daily. Record the 12-hour average oxygen concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(2)]
- [40 CFR 60.284(d)] Submit Report: Due semiannually. Submit reports of any periods of excess emissions as defined in 40 CFR 60.284(d), for the purpose of reports required under 40 CFR 60.7(c). Subpart BB. [40 CFR 60.284(d)]
- [40 CFR 60.284(f)] Follow the procedures under 40 CFR 60.13 for installation, evaluation, and operation of the continuous monitoring systems required under 40 CFR 60.284. Subpart BB. [40 CFR 60.284(f)]
- [40 CFR 60.285(a)] Use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures in 40 CFR 60.285, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart BB. [40 CFR 60.285(a)]
- [40 CFR 60.285(b)] Determine compliance with the particulate matter standards in 40 CFR 60.282(a)(1) and (3) using the methods and procedures specified in 40 CFR 60.285(b)(1) to (b)(3). Subpart BB. [40 CFR 60.285(b)]
- [40 CFR 60.285(c)] Determine compliance with the particulate matter standard in 40 CFR 60.282(a)(2) using the methods and procedures specified in 40 CFR 60.285(c)(1) to (c)(3). Subpart BB. [40 CFR 60.285(c)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

QT 0097 10 - Lime Kiln No. 1 / Scrubber

- :42 [40 CFR 60.285(d)] Determine compliance with the TRS standards in 40 CFR 60.283, except 40 CFR 60.283(a)(1)(vi) and (4), using the methods and procedures specified in 40 CFR 60.285(d)(1) to (d)(3). Subpart BB. [40 CFR 60.285(d)]
 Determine compliance with the TRS standards in 40 CFR 60.283(a)(1)(vi) and (4) using the methods and procedures specified in 40 CFR 60.285(e)(1) to (e)(4). Subpart BB. [40 CFR 60.285(e)]
 Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]
 Particulate matter (10 microns or less) <= 0.064 gr/dscf (0.15 g/dscm) corrected to 10 percent oxygen. Subpart MM. [40 CFR 63.862(a)(1)(i)(C)]
- :43 [40 CFR 60.285(e)] Which Months: All Year Statistical Basis: None specified Provide to the DEQ an alternative monitoring request that includes a site-specific monitoring plan, a description of the control device, test results verifying the performance of the control device, the appropriate operating parameters that will be monitored, and the frequency of measuring and recording to establish continuous compliance with the standards. Install, calibrate, operate, and maintain the monitor(s) in accordance with the alternative monitoring request approved by the DEQ. Include in the information submitted to the DEQ proposed performance specifications and quality assurance procedures for the monitors. Monitor the parameters as approved by the DEQ using the methods and procedures in the alternative monitoring request. Subpart MM. [40 CFR 63.864(e)(14)]
 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM.
 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM.
- :44 [40 CFR 63.443(d)(4)(i)] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- :45 [40 CFR 63.862(a)(1)(i)(C)] Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping from the provisions of LAC 33:III. Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request.
- :46 [40 CFR 63.864(e)(14)] Total suspended particulate <= 1.0 lb/equivalent pulp ton (0.5 kg/equivalent pulp metric ton).
 Which Months: All Year Statistical Basis: Twelve-hour average
 Do not exceed the limits set forth in LAC 33:III.1503.C.
 Total reduced sulfur <= 20 ppm.
- :47 [40 CFR 63.865] Which Months: All Year Statistical Basis: Twelve-hour average Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.
 The No. 1 Lime Kiln may not operate at more than 110% of the throughput achieved during the most recent compliance stack test. At no time shall the throughput exceed the maximum permitted rate of 340 tons of lime per day.
- :48 [40 CFR 63.865] Shall comply with all applicable provisions of PSD-LA-58 (M-4). Shall utilize mud washing and a wet scrubber to minimize SO2 emissions - Determined as BACT.
- :49 [LAC 33:III.1101.B]
- :50 [LAC 33:III.1151]
- :51 [LAC 33:III.2301.D.1.c]
- :52 [LAC 33:III.2301.D.2]
- :53 [LAC 33:III.2301.D.3.d]
- :54 [LAC 33:III.2301.D.3.i]
- :55 [LAC 33:III.501.C.6]
- :56 [LAC 33:III.509]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

0097 10 - Lime Kiln No. 1 / Scrubber

[LAC 33:III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques to minimize NOX emissions - Determined as BACT.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques to minimize CO emissions - Determined as BACT.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize mud washing and a wet scrubber to maintain maximum TRS emissions at 8 ppmv @ 10% O₂ - Determined as BACT.
 Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber or an ESP to maintain maximum PM/PM10 emissions at 0.05 gr/dscf - Determined as BACT.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR Subpart MM is determined to be MACT).

0098 11 - Lime Kiln No. 2 / Scrubber

Total suspended particulate <= 0.0666 gr/dscf (0.15 g/dscm) corrected to 10 percent oxygen, when gaseous fossil fuel is burned. Subpart BB. [40 CFR 60.282(a)(3)(i)]
 Which Months: All Year Statistical Basis: None specified
 Total reduced sulfur <= 8 ppmv (dry basis) corrected to 10 percent oxygen. Subpart BB. [40 CFR 60.283(a)(5)]
 Which Months: All Year Statistical Basis: None specified
 Oxygen monitored by continuous emission monitor (CEM) continuously. Monitor the percent of oxygen by volume on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at 25 percent oxygen. Subpart BB. [40 CFR 60.284(a)(2)]
 Which Months: All Year Statistical Basis: None specified
 Total reduced sulfur monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of TRS emissions on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at a TRS concentration of 30 ppm. Subpart BB. [40 CFR 60.284(a)(2)]
 Which Months: All Year Statistical Basis: None specified
 Oxygen recordkeeping by electronic or hard copy continuously. Record the percent of oxygen by volume on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]
 Total reduced sulfur recordkeeping by electronic or hard copy continuously. Record the concentration of TRS emissions on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]
 Total reduced sulfur recordkeeping by electronic or hard copy daily. Record the 12-hour average TRS concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(1)]
 Calculate on a daily basis the 12-hour average TRS concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Determine each 12-hour average as the arithmetic mean of the appropriate 12 contiguous 1-hour average total reduced sulfur concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(1)]

SPECIFIC REQUIREMENTS**AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****QT 0098 11 - Lime Kiln No. 2 / Scrubber**

- 70 [40 CFR 60.284(c)(2)] Oxygen recordkeeping by electronic or hard copy daily. Record the 12-hour average oxygen concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(2)]
- 71 [40 CFR 60.284(c)(2)] Calculate and record on a daily basis 12-hour average oxygen concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Ensure that these 12-hour averages correspond to the 12-hour average TRS concentrations under 40 CFR 60.284(c)(1). Determine the 12-hour averages as an arithmetic mean of the appropriate 12 contiguous 1-hour average oxygen concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(2)]
- 72 [40 CFR 60.284(d)] Submit Report: Due semiannually. Submit reports of any periods of excess emissions as defined in 40 CFR 60.284(d), for the purpose of reports required under 40 CFR 60.7(c). Subpart BB. [40 CFR 60.284(d)]
- 73 [40 CFR 60.284(f)] Follow the procedures under 40 CFR 60.13 for installation, evaluation, and operation of the continuous monitoring systems required under 40 CFR 60.284. Subpart BB. [40 CFR 60.284(f)]
- 74 [40 CFR 60.285(a)] Use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures in 40 CFR 60.285, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart BB. [40 CFR 60.285(a)]
- 75 [40 CFR 60.285(b)] Determine compliance with the particulate matter standards in 40 CFR 60.282(a)(1) and (3) using the methods and procedures specified in 40 CFR 60.285(b)(1) to (b)(3). Subpart BB. [40 CFR 60.285(b)]
- 76 [40 CFR 60.285(c)] Determine compliance with the particulate matter standard in 40 CFR 60.282(a)(2) using the methods and procedures specified in 40 CFR 60.285(c)(1) to (c)(3). Subpart BB. [40 CFR 60.285(c)]
- 77 [40 CFR 60.285(d)] Determine compliance with the TRS standards in 40 CFR 60.283, except 40 CFR 60.283(a)(1)(vi) and (4), using the methods and procedures specified in 40 CFR 60.285(d)(1) to (d)(3). Subpart BB. [40 CFR 60.285(d)]
- 78 [40 CFR 60.285(e)] Determine compliance with the TRS standards in 40 CFR 60.283(a)(1)(vi) and (4) using the methods and procedures specified in 40 CFR 60.285(e)(1) to (e)(4). Subpart BB. [40 CFR 60.285(e)]
- 79 [40 CFR 63.443(d)(4)(i)] Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]
- 80 [40 CFR 63.862(a)(1)(i)(C)] Particulate matter (10 microns or less) <= 0.064 gr/dscf (0.15 g/dscm) corrected to 10 percent oxygen. Subpart MM. [40 CFR 63.862(a)(1)(i)(C)]
- 81 [40 CFR 63.864(d)] Which Months: All Year Statistical Basis: None specified
Opacity monitored by continuous opacity monitor (COM) continuously. Ensure that each COMS is operated according to the provisions in 40 CFR 63.6(h) and 40 CFR 63.8, and completes a minimum of one cycle of sampling and analyzing for each successive 10-second period as specified in 40 CFR 63.8(c)(4)(i). Reduce the COMS data as specified in 40 CFR 63.8(g)(2). Subpart MM. [40 CFR 63.864(d)]
- 82 [40 CFR 63.864(d)] Which Months: All Year Statistical Basis: None specified
Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart MM. [40 CFR 63.864(d)]
- 83 [40 CFR 63.865] Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM.
- 84 [40 CFR 63.865] Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM.

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0098 11 - Lime Kiln No. 2 / Scrubber

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified
Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request.

Total suspended particulate <= 1.0 lb/equivalent pulp ton (0.5 kg/equivalent pulp metric ton).

Which Months: All Year Statistical Basis: Twelve-hour average
Do not exceed the limits set forth in LAC 33:III.1503.C.

Total reduced sulfur <= 20 ppm.

Which Months: All Year Statistical Basis: Twelve-hour average
Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques to minimize NOX emissions - Determined as BACT.
Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize mud washing and a wet scrubber to minimize SO2 emissions - Determined as BACT.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber or an ESP to maintain maximum PM/PM10 emissions at 0.033 gr/dscf - Determined as BACT.
Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques to minimize CO emissions - Determined as BACT.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize mud washing and a wet scrubber to maintain maximum TRS emissions at 8 ppmv @ 10% O₂ - Determined as BACT.
Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR Subpart MM is determined to be MACT).

0099 5 - Combination Boiler No. 1

Nitrogen oxides <= 0.30 lb/MMBTU (130 ng/J) heat input (expressed as NO₂). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db.

Which Months: All Year Statistical Basis: Thirty-day rolling average
Conduct performance testing to demonstrate compliance with the nitrogen oxides emission standards in 40 CFR 60.44b by following 40 CFR 60.46b(e) or (f), or following 40 CFR 60.46b(g) and (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]
Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d). Subpart Db. [40 CFR 60.48b(b)(1)]
Which Months: All Year Statistical Basis: One-hour average

SPECIFIC REQUIREMENTS**AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****QT 0099 5 - Combination Boiler No. 1**

00 [40 CFR 60.48(b)(1)]

01 [40 CFR 60.48(b)(c)]

02 [40 CFR 60.48(b)(e)]

03 [40 CFR 60.48(b)(f)]

04 [40 CFR 60.49b(a)]

05 [40 CFR 60.49b(d)]

06 [40 CFR 60.49b(g)]

07 [40 CFR 60.49b(i)]

08 [40 CFR 60.49b(o)]

09 [40 CFR 63.443(d)(4)(i)]

10 [40 CFR 63.450(c)]

11 [40 CFR 63.453(k)(1)]

12 [40 CFR 63.453(k)(1)]

Nitrogen oxides recordkeeping by CMS continuously. Subpart Db. [40 CFR 60.48b(b)(1)]

Operate NO_x continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NO_x and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]

Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]

Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)(1) through (g)(10)]

Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]

Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]

Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]

Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]

Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]

Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0099 5 - Combination Boiler No. 1

Closed vent system: Equipment/operational data monitored by visual inspection/determination once every 30 days. Inspect every 30 days and at other times as requested by the DEQ. Include inspection of ductwork, piping, enclosures, and connections to covers for visible evidence of defects. Subpart S. [40 CFR 63.453(k)(2)]

Which Months: All Year Statistical Basis: None specified
Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]

Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]

Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]

Which Months: All Year Statistical Basis: None specified
Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]

Which Months: All Year Statistical Basis: None specified
Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]

Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]

Which Months: All Year Statistical Basis: None specified
Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]

Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]

Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]
Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account scrubber manufacturer's specifications. [40 CFR 64.3(b)(3)]
Liquid Flow rate monitored by flow rate monitoring device once every 15 minutes. [40 CFR 64.6(c)(1)]

Which Months: All Year Statistical Basis: Three-hour average

SPECIFIC REQUIREMENTS

AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER2009015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

QT 0099 5 - Combination Boiler No. 1

- 126 [40 CFR 64.6(c)(2)] Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- 127 [40 CFR 64.6(c)(2)] Pressure drop recordkeeping by electronic or hard copy at the approved frequency of every three hours. Record the 3-hour average pressure drop. [40 CFR 64.6(c)(2)]
- An excursion or exceedance is defined as a 3-hour average scrubber flow rate less than the minimum flow rate established by performance testing or when the 3-hour average pressure drop across the scrubber is outside of the indicator range established by performance testing. If scrubber flow rate and pressure drop exceedance occur simultaneously, the event shall be considered as one exceedance or excursion. [40 CFR 64.6(c)(2)]
- 128 [40 CFR 64.6(c)(2)] Scrubber Flow rate recordkeeping by electronic or hard copy at the approved frequency of every three hours. Record the 3-hour average flow rate. [40 CFR 64.6(c)(4)]
- 129 [40 CFR 64.6(c)(4)] Testing and final verification of scrubber operational status: Due within 180 days of permit issuance. [40 CFR 64.6(d)]
- 130 [40 CFR 64.6(d)] Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- 131 [40 CFR 64.7(a)] Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- 132 [40 CFR 64.7(b)] Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- 133 [40 CFR 64.7(c)] Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 134 [40 CFR 64.7(d)(1)] Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the PM-10 emission limitation or the control efficiency standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 135 [40 CFR 64.7(e)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 136 [40 CFR 64.9(a)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- 137 [40 CFR 64.9(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-Y8

Air - Title V Regular Permit Minor Mod

0099 5 - Combination Boiler No. 1

- [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by electronic or hard copy at the approved frequency. Maintain these records for a period of at least five years.
- [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years.
- [40 CFR 64.9(b)(1)] Pressure drop monitored by pressure drop instrument once every 15 minutes.
- Which Months: All Year Statistical Basis: Three-hour average
- Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
- Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III:Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request.
- Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I:Chapter 39.
- Comply with LAC 33:III:13.13.
- Do not exceed the limits set forth in LAC 33:III:1503.C.
- Annual Average Bark Firing Rate <= 768 tons/day or <= 294.4 MM BTU/hr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the annual average of the bark firing rates exceeds the maximum listed in this specific condition for any 365 consecutive day period.
- Which Months: All Year Statistical Basis: None specified
- Submit report: Due annually, by the 31st of March. Report the annual average of bark firing rates for the preceding 365 days to the Office of Environmental Compliance, Enforcement Division.
- Annual Bark Firing Rate recordkeeping by electronic or hard copy daily. Keep records of the average bark firing rate each day, as well as the average of bark firing rates for the last 365 days. Make records available for inspection by DEQ personnel.
- Annual Average Bark Firing Rate monitored by technically sound method daily.
- Which Months: All Year Statistical Basis: None specified
- Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques to minimize CO emissions - Determined as BACT.
- Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with a wet scrubber to maintain maximum PM/PM10 emissions at 0.10 lb/MM BTU - Determined as BACT.
- Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with low NOx burners (LNB) to maintain maximum NOx emissions at 0.10 lb/MM BTU when natural gas fired and 0.30 lb/MM BTU when wood-waste fired - Determined as BACT.
- [LAC 33:III:509]
- [LAC 33:III:509]
- [LAC 33:III:509]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER200909015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

QT 0099 5 - Combination Boiler No. 1

153 [LAC 33:III.509]

Permittee shall install, operate, and maintain a continuous flue gas oxygen monitor in accordance with Attachment A: Use of Flue Gas Oxygen Monitors as BACT for Combustion Controls.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be fueled by natural gas and woodwaste and shall be equipped with a wet scrubber to maintain maximum SO₂ emissions at 0.73 lb/MM BTU - Determined as BACT.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined to be MACT).

QT 0100 27 - Power Boiler No. 5

156 [40 CFR 60.42(a)(1)]

Particulate matter (10 microns or less) <= 0.10 lb/MMBTU (43 nanograms per joule) heat input derived from fossil fuel or fossil fuel and wood residue. Subpart D. [40 CFR 60.42(a)(1)]

Which Months: All Year Statistical Basis: None specified
Opacity <= 20 percent except for one six-minute period per hour of not more than 27 percent opacity. Subpart D. [40 CFR 60.42(a)(2)]

Which Months: All Year Statistical Basis: Six-minute average
Nitrogen oxides <= 0.20 lb/MMBTU. Subpart D. [40 CFR 60.44(a)(1)]

Which Months: All Year Statistical Basis: None specified
Submit excess emission and monitoring system performance reports: Due semiannually for each six-month period in the calendar year. Postmark all semiannual reports by the 30th day following the end of each six-month period. Include the information required in 40 CFR 60.7(c). Subpart D. [40 CFR 60.45(g)]

Opacity monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D.
Which Months: All Year Statistical Basis: None specified
Oxygen or Carbon dioxide monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D.
Which Months: All Year Statistical Basis: None specified
Nitrogen oxides monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D.

Which Months: All Year Statistical Basis: None specified
Conduct the performance tests required in 40 CFR 60.8 using as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.46, except as provided in 40 CFR 60.8(b). Subpart D. [40 CFR 60.46(a)]
Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. (Backup control device) Subpart S. [40 CFR 63.443(d)(4)(i)]
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

163 [40 CFR 60.46(a)]

164 [40 CFR 63.443(d)(4)(i)]

165 [LAC 33:III.1101.B]

SPECIFIC REQUIREMENTS**AU ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-000010-Y8****Air - Title V Regular Permit Minor Mod****0100 27 - Power Boiler No. 5**

[LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request.

HVLC gas burning: Equipment/operational data <= 50 day(s). Noncompliance with this limitation is a reportable violation of the permit.

Notify the Office of Environmental Compliance, Enforcement Division if HVLC gas burning exceeds the maximum listed in this specific condition for any calendar year.

Which Months: All Year Statistical Basis: None specified

Nitrogen oxides <= 306.71 tons/yr. Noncompliance with this limitation is a reportable violation of this permit. Notify the Office of Environmental Compliance, Enforcement Division if the total NO_x emissions exceed the maximum listed in this specific condition for any twelve month period. [From PSD-LA-581(M-4)]. [LAC 33:III.501.C.6, LAC 33:III.509]

Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum

HVLC gas burning: Submit report. Due annually, by the 31st of March. Report the total number of days of HVLC gas burning for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

Equipment/operational data monitored by technically sound method continuously Monitor the number of days HVLC gases are burned.

Which Months: All Year Statistical Basis: None specified

HVLC gas burning: Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total number of days of HVLC gas burning each month, as well as the total days of HVLC gas burning for the calendar year. Make records available for inspection by DEQ personnel.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be equipped with low NO_x burners (LN_B) to maintain maximum NO_x emissions at 0.10 lb/MM BTU - Determined as BACT.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design and proper combustion techniques to minimize CO emissions - Determined as BACT.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be fueled by natural gas to minimize SO₂ emissions - Determined as BACT.

Permittee shall install, operate, and maintain a continuous flue gas oxygen monitor in accordance with Attachment A: Use of Flue Gas Oxygen Monitors as BACT for Combustion Controls.

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall be fueled by natural gas to minimize PM/PM10 emissions - Determined as BACT.

0101 34 - Bleach Plant No. 3 Scrubber Vent

[40 CFR 63.440(d)(2)] Achieve compliance with the bleach plant provisions of 40 CFR 63.445 as expeditiously as practicable, but in no event later than 3 years after the promulgation of the revised effluent limitation guidelines and standards under 40 CFR 430.14 through 430.17 and 40 CFR 430.44 through 430.47. Subpart S. [40 CFR 63.440(d)(2)]

Enclose and vent the equipment into a closed-vent system and route the equipment to a control device that meets the requirements specified in 40 CFR 63.445(c), at each bleaching stage of the bleaching systems listed in 40 CFR 63.445(a) where chlorinated compounds are introduced. Subpart S. [40 CFR 63.445(b)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

QT 0101 34 - Bleach Plant No. 3 Scrubber Vent

- 179 [40 CFR 63.445(c)(2)] Outlet concentration: Total Chlorinated HAP <= 10 ppmv (not including chloroform). Subpart S. [40 CFR 63.445(c)(2)]
 Which Months: All Year Statistical Basis: None specified
 Use no hypochlorite or chlorine for bleaching in the bleaching system or line, to reduce chloroform air emissions to the atmosphere. Subpart S. [40 CFR 63.445(d)(2)]
- 180 [40 CFR 63.445(d)(2)] Enclosure: Ensure that each enclosure maintains negative pressure at each enclosure or hood opening as demonstrated by the procedures specified in 40 CFR 63.457(e). Maintain each enclosure or hood opening, closed during the initial performance test specified in 40 CFR 63.457(a), in the same closed and sealed position as during the performance test at all times except when necessary to use the opening for sampling, inspection, maintenance, or repairs. Subpart S. [40 CFR 63.450(b)]
- 181 [40 CFR 63.450(b)] Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]
- 182 [40 CFR 63.450(c)] Closed-vent System (bypass lines): Maintain the bypass line valve in the closed position with a car seal or a seal placed on the valve or closure mechanism in such a way that valve or closure mechanism cannot be opened without breaking the seal. Subpart S. [40 CFR 63.450(d)(2)]
- 183 [40 CFR 63.450(d)(2)] Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]
- 184 [40 CFR 63.453(k)(1)] Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
- 185 [40 CFR 63.453(k)(1)] Which Months: All Year Statistical Basis: None specified
 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]
- 186 [40 CFR 63.453(k)(2)] Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]
- 187 [40 CFR 63.453(k)(3)] Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
- 188 [40 CFR 63.453(k)(3)] Which Months: All Year Statistical Basis: None specified
 Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
- 189 [40 CFR 63.453(k)(4)] Which Months: All Year Statistical Basis: None specified
 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]
- 190 [40 CFR 63.453(k)(4)] Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
- 191 [40 CFR 63.453(k)(5)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-000010-Y8****Air - Title V Regular Permit Minor Mod****0101 34 - Bleach Plant No. 3 Scrubber Vent**

- [40 CFR 63.453(k)(5)] Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]
- [40 CFR 63.453(k)(6)] Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]
- [40 CFR 63.453(o)] Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (n) and established under 40 CFR 63. Subpart S. Subpart S. [40 CFR 63.453(o)]
- [40 CFR 63.454(b)] Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]
- [40 CFR 63.454(b)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]
- [LAC 33.III.507.H.1.a] Demonstrate compliance with the total chlorinated HAP emission limitation by complying with the requirements specified in the letter from John R. Hopola of EPA Region 6 to Ron Usie of Georgia-Pacific Corporation dated July 24, 2001.
- [LAC 33.III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good equipment design to minimize CO emissions - Determined as BACT.
- [LAC 33.III.509] Shall comply with all applicable provisions of PSD-LA-581(M-4). No additional controls is determined as BACT.
- [LAC 33.III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined to be MACT).

0102 37 - Bleach Plant No. 1 Scrubber Vent

- [40 CFR 52.] Total reduced sulfur: Shall comply with all applicable provisions of PSD regulations. No additional controls is determined as BACT.
- [40 CFR 52.] Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT.
- [40 CFR 63.440(d)(2)] Achieve compliance with the bleach plant provisions of 40 CFR 63.445 as expeditiously as practicable, but in no event later than 3 years after the promulgation of the revised effluent limitation guidelines and standards under 40 CFR 430.14 through 430.17 and 40 CFR 430.44 through 430.47. Subpart S. [40 CFR 63.440(d)(2)]
- [40 CFR 63.445(b)] Enclose and vent the equipment into a closed-vent system and route the equipment to a control device that meets the requirements specified in 40 CFR 63.445(c), at each bleaching stage of the bleaching systems listed in 40 CFR 63.445(a) where chlorinated compounds are introduced. Subpart S. [40 CFR 63.445(b)]
- [40 CFR 63.445(c)(2)] Outlet concentration: Total Chlorinated HAP <= 10 ppmv (not including chloroform). Subpart S. [40 CFR 63.445(c)(2)]
- Which Months: All Year Statistical Basis: None specified
- Use no hypochlorite or chlorine for bleaching in the bleaching system or line, to reduce chloroform air emissions to the atmosphere. Subpart S. [40 CFR 63.445(d)(2)]

SPECIFIC REQUIREMENTS

AJ ID: 26117 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER2009015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

QT 0102 37 - Bleach Plant No. 1 Scrubber Vent

- 07 [40 CFR 63.450(b)] Enclosure: Ensure that each enclosure maintains negative pressure at each enclosure or hood opening as demonstrated by the procedures specified in 40 CFR 63.457(e). Maintain each enclosure or hood opening, closed during the initial performance test specified in 40 CFR 63.457(a), in the same closed and sealed position as during the performance test at all times except when necessary to use the opening for sampling, inspection, maintenance, or repairs. Subpart S. [40 CFR 63.450(b)]
- 08 [40 CFR 63.450(c)] Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]
- 09 [40 CFR 63.450(d)(2)] Closed-vent System (bypass lines): Maintain the bypass line valve in the closed position with a car seal or a seal placed on the valve or closure mechanism in such a way that valve or closure mechanism cannot be opened without breaking the seal. Subpart S. [40 CFR 63.450(d)(2)]
- .10 [40 CFR 63.453(k)(1)] Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]
- .11 [40 CFR 63.453(k)(1)] Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
- Which Months: All Year Statistical Basis: None specified
- Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]
- Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]
- Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
- Which Months: All Year Statistical Basis: None specified
- Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]
- Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
- Which Months: All Year Statistical Basis: None specified
- Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]
- Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0102 37 - Bleach Plant No. 1 Scrubber Vent

[40 CFR 63.453(k)(6)]

Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]

Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (1) and established under 40 CFR 63 Subpart S. Subpart S. [40 CFR 63.453(o)]

Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]

Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]

Demonstrate compliance with the total chlorinated HAP emission limitation by complying with the requirements specified in the letter from John R. Hepola of EPA Region 6 to Ron USC of Georgia-Pacific Corporation dated July 24, 2001.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined to be MACT).

0103 38 - Bleach Plant No. 2 Scrubber Vent

[40 CFR 52.]

[40 CFR 52.]

[40 CFR 63.440(d)(2)]

[40 CFR 63.445(b)]

[40 CFR 63.445(c)(2)]

[40 CFR 63.445(d)(2)]

[40 CFR 63.445(e)(2)]

[40 CFR 63.450(b)]

[40 CFR 63.450(c)]

[40 CFR 63.450(c)(1)]

[40 CFR 63.450(c)(2)]

[40 CFR 63.450(c)(3)]

[40 CFR 63.450(c)(4)]

[40 CFR 63.450(c)(5)]

[40 CFR 63.450(c)(6)]

[40 CFR 63.450(c)(7)]

[40 CFR 63.450(c)(8)]

[40 CFR 63.450(c)(9)]

[40 CFR 63.450(c)(10)]

[40 CFR 63.450(c)(11)]

[40 CFR 63.450(c)(12)]

[40 CFR 63.450(c)(13)]

[40 CFR 63.450(c)(14)]

[40 CFR 63.450(c)(15)]

TPC0147

Total reduced sulfur: Shall comply with all applicable provisions of PSD regulations. No additional control is determined as BACT.

Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT.

Achieve compliance with the bleach plant provisions of 40 CFR 63.445 as expeditiously as practicable, but in no event later than 3 years after the promulgation of the revised effluent limitation guidelines and standards under 40 CFR 430.14 through 430.17 and 40 CFR 430.44 through 430.47. Subpart S. [40 CFR 63.440(d)(2)]

Enclose and vent the equipment into a closed-vent system and route the equipment to a control device that meets the requirements specified in 40 CFR 63.445(c), at each bleaching stage of the bleaching systems listed in 40 CFR 63.445(a) where chlorinated compounds are introduced. Subpart S. [40 CFR 63.445(b)]

Outlet concentration: Total Chlorinated HAP <= 10 ppmv (not including chloroform). Subpart S. [40 CFR 63.445(c)(2)]

Which Months: All Year Statistical Basis: None specified

Use no hypochlorite or chlorine for bleaching in the bleaching system or line, to reduce chloroform air emissions to the atmosphere. Subpart S. [40 CFR 63.445(d)(2)]

Enclosure: Ensure that each enclosure maintains negative pressure at each enclosure or hood opening as demonstrated by the procedures specified in 40 CFR 63.457(e). Maintain each enclosure or hood opening, closed during the initial performance test specified in 40 CFR 63.457(a), in the same closed and sealed position as during the performance test at all times except when necessary to use the opening for sampling, inspection, maintenance, or repairs. Subpart S. [40 CFR 63.450(b)]

Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]

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Air - Title V Regular Permit Minor Mod****QT 0103 38 - Bleach Plant No. 2 Scrubber Vent**

- 33 [40 CFR 63.450(d)(2)] Closed-vent System (bypass lines): Maintain the bypass line valve in the closed position with a can seal or a seal placed on the valve or closure mechanism in such a way that valve or closure mechanism cannot be opened without breaking the seal. Subpart S. [40 CFR 63.450(d)(2)]
- 34 [40 CFR 63.453(k)(1)] Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]
- 35 [40 CFR 63.453(k)(1)] Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
- 36 [40 CFR 63.453(k)(2)] Which Month: All Year Statistical Basis: None specified Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]
- 37 [40 CFR 63.453(k)(3)] Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]
- 38 [40 CFR 63.453(k)(3)] Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
- 39 [40 CFR 63.453(k)(4)] Which Month: All Year Statistical Basis: None specified Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]
- 40 [40 CFR 63.453(k)(4)] Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
- 41 [40 CFR 63.453(k)(5)] Which Month: All Year Statistical Basis: None specified Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
- 42 [40 CFR 63.453(k)(6)] Which Month: All Year Statistical Basis: None specified Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]
- 43 [40 CFR 63.453(k)(6)] Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]
- 44 [40 CFR 63.453(o)] Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (n) and established under 40 CFR 63 Subpart S. Subpart S. [40 CFR 63.453(o)]
- 45 [40 CFR 63.454(b)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0103 38 - Bleach Plant No. 2 Scrubber Vent

[40 CFR 63.454(b)]

Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]

Submit report: Due with the initial notification report specified under 40 CFR 63.9(b)(2) and 40 CFR 63.455(a). Submit a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Update every two years thereafter. Subpart S. [40 CFR 63.455(b)]

Demonstrate compliance with the total chlorinated HAP emission limitation by complying with the requirements specified in the letter from John R. Hepola of EPA Region 6 to Ron USC of Georgia-Pacific Corporation dated July 24, 2001.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined to be MACT).

0104 39 - Methanol Storage Tank

[LAC 33.III.2103.A]

Equip with a submerged fill pipe.

Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2103.H.3.a-e.

Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33.III.2103.I.1 - 7, as applicable.

0109 130 - No. 6 CFB Boiler & Electrostatic Precipitator (ESP)

[40 CFR 60.42b]

Sulfur dioxide $\leq 0.2 \text{ lb/MMBTU}$ (87 ng/J) heat input, as determined using the specified equation. Except as provided in 40 CFR 60.42b(i), the sulfur dioxide emission limits apply at all times, including periods of startup, shutdown, and malfunction. Subpart Db.

Which Months: All Year Statistical Basis: Thirty-day rolling average

Particulate matter (10 microns or less) $\leq 0.05 \text{ lb/MMBTU}$ (22 ng/J) heat input. The particulate matter standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(a)(1)]

Which Months: All Year Statistical Basis: None specified

Opacity ≤ 20 percent, except for one 6-minute period per hour of not more than 27% opacity. The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(f)]

Which Months: All Year Statistical Basis: Six-minute average

Nitrogen oxides $\leq 0.60 \text{ lb/MMBTU}$ (260 ng/J) heat input (expressed as NO₂). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db.

Which Months: All Year Statistical Basis: Thirty-day rolling average

Conduct performance testing to demonstrate compliance with the nitrogen oxides emission standards in 40 CFR 60.44b by following 40 CFR 60.46b(e) or (f), or following 40 CFR 60.46b(g) and (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]

Conduct an initial performance test as required under 40 CFR 60.8 to demonstrate compliance with the particulate matter emission limits and opacity limits under 40 CFR 60.43b following the procedures and reference methods specified in 40 CFR 60.46b(d)(1) through (d)(7). Subpart Db. [40 CFR 60.46b(d)]

SPECIFIC REQUIREMENTS

AI ID: 26117 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER2009015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

QT 0109 130 - No. 6 CF8 Boiler & Electrostatic Precipitator (ESP)

- :59 [40 CFR 60.47b(a)(1)] Use the SO₂ and O₂ or CO₂ continuous emission monitoring system, installed to comply 40 CFR 75.20(c)(1) and 40 CFR 75 Appendix A and which continues to meet the ongoing quality assurance requirements of 40 CFR 75.21 and 40 CFR 75, Appendix B, to meet the requirements of 40 CFR 60.42b. Comply with the 87 ng/J (0.20 lbs/MMBtu) by continuous emission monitoring at the discharge to atmosphere (stack). Collect SO₂ concentration data and CO₂ (or O₂) data simultaneously when relative accuracy testing is conducted. Subpart Db. [40 CFR 60.47b(a)(1)]
- :60 [40 CFR 60.47b(a)(2)] Meet the relative accuracy (RA) standard in 40 CFR 60 Appendix B, Performance Specification 2, Section 13.2 when the RA is calculated on a lb/MMBtu basis. Subpart Db. [40 CFR 60.47b(a)(2)]
- :61 [40 CFR 60.47b(a)(3)] Meet the reporting requirements of 40 CFR 60.49b. Do not include substitute data values derived from the missing data procedures in 40 CFR 75 Subpart D for the SO₂ and CO₂ (or O₂) data used to meet the requirements of 40 CFR 60.49b. Do not bias adjust the SO₂ data according to the procedures of 40 CFR 75. Subpart Db. [40 CFR 60.47b(a)(3)]
- :62 [40 CFR 60.47b(c)] Obtain SO₂ emission data for at least 75 percent of the operating hours in at least 22 out of 30 successive boiler operating days. If this minimum data requirement is not met with a single monitoring system, supplement the emission data with data collected with other monitoring systems as approved by DEQ or the reference methods and procedures as described in 40 CFR 60.47b(b). Subpart Db. [40 CFR 60.47b(c)]
- :63 [40 CFR 60.47b(e)] Follow the procedures under 40 CFR 60.13 and 40 CFR 60.47b(e)(1) through (3) for installation, evaluation, and operation of the SO₂ CEMS. Subpart Db. [40 CFR 60.47b(e)]
- :64 [40 CFR 60.48b(a)] Opacity monitored by continuous opacity monitor (COM) continuously. Subpart Db. [40 CFR 60.48b(a)]
- :65 [40 CFR 60.48b(a)] Which Month: All Year Statistical Basis: Six-minute average
- :66 [40 CFR 60.48b(b)(1)] Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart Db. [40 CFR 60.48b(b)(1)]
- :67 [40 CFR 60.48b(b)(1)] Nitrogen oxides recordkeeping by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d). Subpart Db. [40 CFR 60.48b(b)(1)]
- :68 [40 CFR 60.48b(b)(2)] Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d). Subpart Db. [40 CFR 60.48b(b)(2)]
- :69 [40 CFR 60.48b(c)] Which Month: All Year Statistical Basis: One-hour average
- :70 [40 CFR 60.48b(c)] NO_x CEMS performance evaluation data reported to meet the requirements of 40 CFR 60.49b shall not include data substituted using the missing data procedures in 40 CFR 75 Subpart D, nor shall the data have been bias adjusted according to the procedures of 40 CFR 75. Subpart Db. [40 CFR 60.48b(c)]
- :71 [40 CFR 60.48b(f)] Operate NO_x continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(f)]
- :72 [40 CFR 60.48b(g)] Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NO_x and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]
- :73 [40 CFR 60.48b(h)] When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]
- :74 [40 CFR 60.48b(i)] Comply with the provisions of 40 CFR 60.48b(b), (c), (d), (e)(2), (e)(3), and (f), or monitor steam generating unit operating conditions and predict nitrogen oxides emission rates as specified in a plan submitted pursuant to 60.49b(c). Subpart Db. [40 CFR 60.48b(g)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-Y8

Air - Title V Regular Permit Minor Mod

0109 130 - No. 6 CFB Boiler & Electrostatic Precipitator (ESP)

- [40 CFR 60.49b(a)] Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]
- [40 CFR 60.49b(b)] Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]
- [40 CFR 60.49b(d)] Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
- [40 CFR 60.49b(f)] Opacity recordkeeping by electronic or hard copy continuously. Subpart Db. [40 CFR 60.49b(f)]
- [40 CFR 60.49b(g)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of the information listed in 40 CFR 60.49b(p) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day]
- [40 CFR 60.49b(h)] Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]
- [40 CFR 60.49b(i)] Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]
- [40 CFR 60.49b(k)] Submit a report to DEQ containing the sulfur dioxide emission rate information listed in 40 CFR 60.49b(k)(1) through (k)(11). Subpart Db. [40 CFR 60.49b(k)]
- [40 CFR 60.49b(m)] Submit the information listed in 40 CFR 60.49b(m)(1) through (m)(4) in addition to that required under 40 CFR 60.49b(k), for facilities for which the minimum amount of SO₂ data required under 40 CFR 60.47b(f) were not obtained during the reporting period. Subpart Db. [40 CFR 60.49b(m)]
- [40 CFR 60.49b(o)] Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
- [40 CFR 63.443(d)(4)(i)] Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]
- [40 CFR 63.450(c)] Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]
- [40 CFR 63.453(k)(1)] Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]
- [40 CFR 63.453(k)(1)] Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****QT 0109 130 - No. 6 CFB Boiler & Electrostatic Precipitator (ESP)**

- 187 [40 CFR 63.453(k)(2)] Closed vent system: Equipment/operational data monitored by visual inspection/determination once every 30 days. Inspect every 30 days and at other times as requested by the DEQ. Include inspection of ductwork, piping, enclosures, and connections to covers for visible evidence of defects. Subpart S. [40 CFR 63.453(k)(2)]
- Which Months: All Year Statistical Basis: None specified
- Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]
- Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
- Which Months: All Year Statistical Basis: None specified
- Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]
- Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]
- Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
- Which Months: All Year Statistical Basis: None specified
- Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
- Which Months: All Year Statistical Basis: None specified
- Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]
- Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]
- Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]
- Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]
- Specific QA/QC Procedures: Confirm voltmeters read zero when the unit is not operating. Calibrate as necessary. [40 CFR 64.3(b)(3)]
- Electrostatic Precipitator (ESP) Secondary Voltage monitored by voltmeter once every 15 minutes. [40 CFR 64.6(c)(1)]
- Which Months: All Year Statistical Basis: Three-hour average

SPECIFIC REQUIREMENTS**AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****0109 130 - No. 6 CFB Boiler & Electrostatic Precipitator (ESP)**

- [40 CFR 64.6(c)(2)] An excursion or exceedance is defined as an electrostatic precipitator (ESP) secondary voltage input less than the minimum established by performance testing. [40 CFR 64.6(c)(2)]
- Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- Electrostatic Precipitator (ESP) Secondary Voltage recordkeeping by electronic or hard copy at the approved frequency of every three hours. Record the 3-hour average. [40 CFR 64.6(c)(4)]
- Testing and final verification of electrostatic precipitator operational status: Due within 180 days of permit issuance. [40 CFR 64.6(d)]
- Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the PM-10 emission limitation or the control efficiency standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- ESP Secondary Voltage monitoring less than 95% of the unit's operating time in a calendar year is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]
- Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- Monitoring data recordkeeping by electronic or hard copy at the approved frequency. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

QT 0109 130 - No. 6 CFB Boiler & Electrostatic Precipitator (ESP)

i13 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

i14 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize good combustion practices and good engineering design to control VOC emissions to the Lowest Achievable Emission Rate (LAER).

i15 [LAC 33:III.504] Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall utilize limestone injection with flue gas desulfurization (FGD) or novel integrated desulfurization (NID) as necessary to maintain maximum SO₂ emissions at 0.20 lbs/MM BTU. Facility may operate limestone injection system alone, with an increased limestone injection rate required to maintain maximum emissions at 0.20 lbs/MMBTU - Determined as BACT.

i16 [LAC 33:III.509] Shall control TAPs emissions to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by LDEQ. Shall utilize good combustion practices and be equipped with an electrostatic precipitator - Determined as MACT.

QT 0114 137A - No. 1 PCI/Coal Day Bin Baghouse Vent

i17 [LAC 33:III.5109 A] Opacity <= 20 percent. [When processing coal] Subpart Y. [40 CFR 60.252(c)] Which Months: All Year Statistical Basis: None specified Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)] Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). [When processing coal] Subpart Y. [40 CFR 60.254(b)] Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)] Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any, of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)] Equipment/operational data monitored by technically sound method daily. Monitor the electrical signal of the broken bag detector. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****0114 137A - No. 1 PC/Coal Day Bin Baghouse Vent**

- Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)] An excursion or exceedance is defined as a broken bag detector electrical signal greater than or less than the range established. This range shall be submitted to the DEQ within 180 days after start-up. [40 CFR 64.6(c)(2)]
- Equipment/operational data recordkeeping by electronic or hard copy daily. Record the electrical signal of the broken bag detector. [40 CFR 64.6(c)(4)]
- [40 CFR 64.6(d)]
- [40 CFR 64.6(d)]
- Schedule for installation, testing or final verification of operational status: Within 180 days of permit issuance. [40 CFR 64.6(d)]
- Schedule for installation, testing or final verification of operational status: Broken bag detectors will be installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]
- Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- [40 CFR 64.9(b)(1)]
- Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- [40 CFR 64.9(b)(1)]

SPECIFIC REQUIREMENTS**AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-Y8****Air - Title V Regular Permit Minor Mod****QT 0114 137A - No. 1 PC/Coal Day Bln Baghouse Vent**

i37 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

i38 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

i39 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
Which Months: All Year Statistical Basis: None specified

QT 0115 137B - No. 2 PC/Coal Day Bln Baghouse Vent

i40 [40 CFR 60.252(c)] Opacity <= 20 percent. [When processing coal] Subpart Y. [40 CFR 60.252(c)]
Which Months: All Year Statistical Basis: None specified

Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). [When processing coal] Subpart Y. [40 CFR 60.254(a)]

i42 [40 CFR 60.254(b)] Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2).
[When processing coal] Subpart Y. [40 CFR 60.254(b)]

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any, of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

Equipment/operational data monitored by technically sound method daily. Monitor the electrical signal of the broken bag detector. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

An excursion or exceedance is defined as a broken bag detector electrical signal greater than or less than the range established. This range shall be submitted to the DEQ within 180 days after start-up. [40 CFR 64.6(c)(2)]

i44 [40 CFR 64.4(e)] Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

Equipment/operational data recordkeeping by electronic or hard copy daily. Record the electrical signal of the broken bag detector. [40 CFR 64.6(c)(4)]
Schedule for installation, testing or final verification of operational status: Within 180 days of permit issuance. [40 CFR 64.6(d)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0115 137B - No. 2 PC/Coal Day Bin Baghouse Vent

- [40 CFR 64.6(d)] Schedule for installation, testing or final verification of operational status: Broken bag detectors will installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)] Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- [40 CFR 64.9(b)(1)]
[LAC 33:111 507 H.1.a]

SPECIFIC REQUIREMENTS**AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****QT 0115 137B - No. 2 PC/Coal Day Bin Baghouse Vent**

Filler elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified

QT 0119 145 - No. 1 LS Day Bin Baghouse Vent

- Opacity <= 7 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(f)]
- Which Months: All Year Statistical Basis: None specified
 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)]
 Total suspended particulate monitored by the regulations specified method(s) as needed. Use Method 5 or Method 17 to determine the particulate matter concentration. Subpart OOO. [40 CFR 60.675(b)(1)]
- Which Months: All Year Statistical Basis: None specified
 Opacity recordkeeping by electronic or hard copy as needed. Record the individual test and the average opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11 to determine opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
- Which Months: All Year Statistical Basis: None specified
 Submit notification to the DEQ. Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)]
- Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)]
 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(f)(1)]
- Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
- Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0119 145 - No. 1 LS Day Bin Baghouse Vent

[40 CFR 64.6(c)(1)]	Broken Bag Detector Equipment/operational data monitored by technically sound method daily. Monitor the electrical signal of the broken bag detector. [40 CFR 64.6(c)(1)]
[40 CFR 64.6(c)(2)]	Which Months: All Year Statistical Basis: None specified Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
[40 CFR 64.6(c)(2)]	An excursion or exceedance is defined as a broken bag detector electrical signal greater than or less than the range established. This range shall be submitted to the DEQ within 180 days after start-up. [40 CFR 64.6(c)(2)]
[40 CFR 64.6(c)(4)]	Equipment/operational data recordkeeping by electronic or hard copy daily. Record the electrical signal of the broken bag detector. [40 CFR 64.6(c)(4)]
[40 CFR 64.6(d)]	Schedule for installation, testing or final verification of operational status: Broken bag detector will installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]
[40 CFR 64.6(d)]	Schedule for installation, testing or final verification of operational status: Within 180 days of permit issuance. [40 CFR 64.6(d)]
[40 CFR 64.7(a)]	Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
[40 CFR 64.7(b)]	Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
[40 CFR 64.7(c)]	Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
[40 CFR 64.7(d)(1)]	Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
[40 CFR 64.7(e)]	Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
[40 CFR 64.9(a)]	Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

SPECIFIC REQUIREMENTS**AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations**

Activity Number: PER20090015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

QT 0119 145 - No. 1 LS Day Bin Baghouse Vent

- 84 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 85 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 86 [40 CFR 64.9(b)(1)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- 87 [LAC 33:II.507.H.1.a] Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
- Which Months: All Year Statistical Basis: None specified
- 88 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

QT 0121 147 - No. 1 Ash Silo Baghouse Vent

- 89 [40 CFR 64.3(b)(3)] Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
- 90 [40 CFR 64.4(e)] Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]
- Visible emissions monitored by technically sound method daily. [40 CFR 64.6(c)(1)]
- Which Months: All Year Statistical Basis: None specified
- .91 [40 CFR 64.6(c)(1)] Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- .92 [40 CFR 64.6(c)(2)] An excursion or exceedance is defined as visible emissions from the bin vent filter outlet. [40 CFR 64.6(c)(2)]
- .93 [40 CFR 64.6(c)(2)] Visible emissions recordkeeping by electronic or hard copy daily. [40 CFR 64.6(c)(4)]
- .94 [40 CFR 64.6(c)(4)] Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- .95 [40 CFR 64.7(a)] Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0121 147 - No. 1 Ash Silo Baghouse Vent

Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated capture system. [40 CFR 64.7(c)]

Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(e)(2)(K) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

Filter vents: Visible emissions monitored by visual inspection/determination daily.

Which Months: All Year Statistical Basis: None specified

Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified
Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

SPECIFIC REQUIREMENTS

AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
Activity Number: PER2009015
Permit Number: 0840-00010-V8
Air - Title V Regular Permit Minor Mod

QT 0122 148 - No. 2 Ash Silo Baghouse Vent

- .08 [40 CFR 64.3(b)(3)] Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
- .09 [40 CFR 64.4(e)] Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any, of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]
- .10 [40 CFR 64.6(c)(1)] Visible emissions monitored by technically sound method daily. [40 CFR 64.6(c)(1)]
- Which Months: All Year Statistical Basis: None specified
- .11 [40 CFR 64.6(c)(2)] Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- An excursion or exceedance is defined as visible emissions from the bin vent filter outlet. [40 CFR 64.6(c)(2)]
- .12 [40 CFR 64.6(c)(2)] Visible emissions recordkeeping by electronic or hard copy daily. [40 CFR 64.6(c)(4)]
- .13 [40 CFR 64.6(c)(4)] Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- .14 [40 CFR 64.7(a)] Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- .15 [40 CFR 64.7(b)] Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- .16 [40 CFR 64.7(c)] Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- .17 [40 CFR 64.7(d)(1)] Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

SPECIFIC REQUIREMENTS**AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-YB****Air - Title V Regular Permit Minor Mod****0122 148 - No. 2 Ash Silo Baghouse Vent**

[40 CFR 64.9(a)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

Comply with the recordkeeping requirements specified in 40 CFR 64.9(a)(3)(ii). [40 CFR 64.9(b)(1)]

Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions monitored by visual inspection/determination daily.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

0130 158 - Sulfuric Acid Tank 1

[LAC 33:III.507.H.1.a] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (MACT is not required for Class III TAP. Shall comply with Ambient Air Standard).

0131 159 - Sulfuric Acid Tank 2

[LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (MACT is not required for Class III TAP. Shall comply with Ambient Air Standard).

0134 162 - LK Raw Pet Coke Bin Baghouse

[40 CFR 64.3(b)(3)] Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

SPECIFIC REQUIREMENTS

AJ ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations
 Activity Number: PER20090015
 Permit Number: 0840-00010-V8
 Air - Title V Regular Permit Minor Mod

QT 0134 162 - LK Raw Pet Coke Bln Baghouse

- .30 [40 CFR 64.4(e)] Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any, of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]
- .31 [40 CFR 64.6(c)(1)] Pressure drop monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
 Which Months: All Year Statistical Basis: None specified
- .32 [40 CFR 64.6(c)(2)] Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
 An excursion or exceedance is defined as a pressure drop greater than or less than the range established. This range shall be submitted to the DEQ within 180 days of permit issuance. [40 CFR 64.6(c)(2)]
- .33 [40 CFR 64.6(c)(2)] Pressure drop recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]
 Schedule for installation, testing or final verification of operational status: Gauges will installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]
 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- .34 [40 CFR 64.6(c)(4)] Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- .35 [40 CFR 64.6(d)]
- .36 [40 CFR 64.7(a)]
- .37 [40 CFR 64.7(b)]
- .38 [40 CFR 64.7(c)]
- .39 [40 CFR 64.7(d)(1)]
- .40 [40 CFR 64.7(e)]

SPECIFIC REQUIREMENTS**All ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****0134 162 - LK Raw Pet Coke Bin Baghouse**

[40 CFR 64.9(a)]
Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

[40 CFR 64.9(b)(1)]
Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

[40 CFR 64.9(b)(1)]
Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

[LAC 33:III.507.H.1.a]
Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified
Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

0135 163 - LK Ground Pet Coke Bin Baghouse

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

[40 CFR 64.4(e)]
Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

Pressure drop monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]

Which Months: All Year Statistical Basis: None specified
An excursion or exceedance is defined as a pressure drop greater than or less than the range established. This range shall be submitted to the DEQ within 180 days of permit issuance. [40 CFR 64.6(c)(2)]

Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
Pressure drop recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]
Schedule for installation, testing or final verification of operational status: Gauges will installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

QT 0135 163 - LK Ground Pet Coke Bin Baghouse

- i54 [40 CFR 64.7(a)] Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- i55 [40 CFR 64.7(b)] Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- i56 [40 CFR 64.7(c)] Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- i57 [40 CFR 64.7(d)(1)] Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- i58 [40 CFR 64.7(e)] Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing, document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- i59 [40 CFR 64.9(a)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- i60 [40 CFR 64.9(b)(1)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- i61 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- i62 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- i63 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- i64 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0137 LVHC - LVHC - LVHC System

[40 CFR 63.443(d)(4)(i)] Ensure that the control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]

[LAC 33:III.2301.D.3.c] Total reduced sulfur <= 5 ppm.

Which Months: All Year Statistical Basis: Twelve-hour average

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ
(Compliance with 40 CFR 63 Subpart S is determined as MACT).

0138 HVLC - HVLC - HVLC System

[40 CFR 63.443(d)(4)(i)] Ensure that the control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ
(Compliance with 40 CFR 63 Subpart S is determined as MACT).

0139 PULP - PULP - Pulping Condensates

[40 CFR 63.443(c)] Enclose any equipment system listed in 40 CFR 63.443(a) or (b), vent into a closed-vent system, and route to a control device that meets the requirements specified in 40 CFR 63.443(d). Subpart S. [40 CFR 63.443(c)]

Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.962(a)(3)(ii), (b)(3)(ii)(A), and (b)(5)(iii). Subpart S. [40 CFR 63.446(d)(1)]

Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2). Subpart S. [40 CFR 63.446(d)]

Recycle the pulping process condensate to an equipment system specified in 40 CFR 63.443(a) meeting the requirements specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(e)(1)]

Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(e)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)]

Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(i), to determine if they meet the applicable requirements of 40 CFR 63.446. Subpart S. [40 CFR 63.446(h)]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ
(Compliance with 40 CFR 63 Subpart S is determined as MACT).

0140 186 - Pet Coke Conveying System

[40 CFR 60.252(c)] Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]

Which Months: All Year Statistical Basis: None specified
Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254(a)
60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)]

SPECIFIC REQUIREMENTS**AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****:QTR 0140 166 - Pet Coke Conveying System**

579 [40 CFR 60.254(b)] Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2).
Subpart Y. [40 CFR 60.254(b)]

:QTR 0143 168 - Pet Coke/ Limestone Baghouse Vent

- 580 [40 CFR 60.252(c)] Opacity <= 20 percent. [When processing coal] Subpart Y. [40 CFR 60.252(c)]
Which Months: All Year Statistical Basis: None specified
Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). [When processing coal] Subpart Y.
[40 CFR 60.254(a)]
- 582 [40 CFR 60.254(b)] Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2).
[When processing coal] Subpart Y. [40 CFR 60.254(b)]
Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)]
Opacity recordkeeping by electronic or hard copy as needed. Record the individual test and the average opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
- 585 [40 CFR 60.675(b)(2)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11 to determine opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
Which Months: All Year Statistical Basis: None specified
Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)]
- 586 [40 CFR 60.675(g)] Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)]
- 587 [40 CFR 60.676(f)] Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(f)(1)]
- 589 [40 CFR 64.3(b)(3)] Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
- 590 [40 CFR 64.4(e)] Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0143 168 - Pet Coke/ Limestone Baghouse Vent

Equipment/operational data monitored by technically sound method daily. Monitor the electrical signal of the broken bag detector. [40 CFR 64.6(c)(1)]

64.6(c)(1)]

Which Months: All Year Statistical Basis: None specified An excursion or exceedance is defined as a broken bag detector electrical signal greater than or less than the range established. This range shall be submitted to the DEQ within 180 days after start-up. [40 CFR 64.6(c)(2)]

Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
Equipment/operational data recordkeeping by electronic or hard copy daily. Record the electrical signal of the broken bag detector. [40 CFR 64.6(c)(4)]

Schedule for installation, testing or final verification of operational status: Broken bag detector will installed at the time of construction.

Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]

Schedule for installation, testing or final verification of operational status: Within 180 days of permit issuance. [40 CFR 64.6(d)]

Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(l). [40 CFR 64.7(a)]

Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

[40 CFR 64.7(e)]

64.9(a)(1)]

64.9(a)(2)(i)]

64.9(a)(2)(ii)]

64.9(a)(2)(iii)]

64.9(a)(3)(i)]

64.9(a)(3)(ii)]

64.9(a)(3)(iii)]

64.9(a)(3)(iv)]

64.9(a)(3)(v)]

64.9(a)(3)(vi)]

64.9(a)(3)(vii)]

64.9(a)(3)(viii)]

64.9(a)(3)(ix)]

64.9(a)(3)(x)]

64.9(a)(3)(xi)]

64.9(a)(3)(xii)]

64.9(a)(3)(xiii)]

64.9(a)(3)(xiv)]

64.9(a)(3)(xv)]

64.9(a)(3)(xvi)]

64.9(a)(3)(xvii)]

64.9(a)(3)(xviii)]

64.9(a)(3)(xix)]

64.9(a)(3)(xx)]

64.9(a)(3)(xxi)]

64.9(a)(3)(xxii)]

64.9(a)(3)(xxiii)]

64.9(a)(3)(xxiv)]

64.9(a)(3)(xxv)]

64.9(a)(3)(xxvi)]

64.9(a)(3)(xxvii)]

TPOR0147

SPECIFIC REQUIREMENTS**AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****QT 0143 168 - Pet Coke/ Limestone Baghouse Vent**

- 703 [40 CFR 64.9(b)(1)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 704 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 705 [40 CFR 64.9(b)(1)] Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
- 706 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 707 [LAC 33:III.507.H.1.a]

QT 0144 167 - Lime Stone Conveying System

- 708 [40 CFR 60.672(b)] Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
 Which Months: All Year Statistical Basis: None specified
 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)]
 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11 to determine opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
 Which Months: All Year Statistical Basis: None specified
 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]
 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
 Which Months: All Year Statistical Basis: None specified
 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)]
 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)]
- '13 [40 CFR 60.675(g)]
- '14 [40 CFR 60.676(f)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

0144 167 - Lime Stone Conveying System

[40 CFR 60.676(i)(1)]

Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)]

0145 171 - Emergency Storm Water Pump Engine

[40 CFR 60.4205(a)]

Nitrogen oxides <= 6.9 g/BHP-hr (9.2 g/KW-hr). Subpart III. [40 CFR 60.4205(a)]

Which Months: All Year Statistical Basis: None specified
Beginning October 1, 2010, use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. Subpart III. [40 CFR 60.4207(b)]

Operating time monitored by hour/time monitor continuously during operation. Install a non-resettable hour meter prior to startup of the engine.
Subpart III. [40 CFR 60.4209(a)]
Which Months: All Year Statistical Basis: None specified

Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, only change those settings that are permitted by the manufacturer. Also meet the requirements of 40 CFR 89, 94 and/or 1068, as applicable. Subpart III. [40 CFR 60.4211(a)]
Demonstrate compliance according to one of the methods specified in 40 CFR 60.4211(b)(1) through (b)(5). Subpart III. [40 CFR 60.4211(b)]
Ensure engine is certified to the emission standards in 40 CFR 60.4204(b), or 40 CFR 60.4025(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. Install and configure according to the manufacturer's specifications. Subpart III. [40 CFR 60.4211(c)]

Equipment/operational data monitored by technically sound method continuously. Subpart III. [40 CFR 60.4211(d)(2)]

Which Months: All Year Statistical Basis: None specified
Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified

0001 66 - Paved and Unpaved Roads

[LAC 33:III.1101.B]

Shall comply with all applicable provisions of PSD-LA-581(M-4). Shall pave the hauling roads as much as feasible - Determined as BACT.

0006 113 - Tissue Machine No. 6 Fugitive Emissions

[LAC 33:III.509]

Shall comply with all applicable provisions of PSD-LA-581(M-4). No additional control is determined as BACT for PM/PM10.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.

No additional controls is determined as MACT.

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER2009015

Permit Number: 0840-00010-V8

Air - Title V Regular Permit Minor Mod

FUG 0007 114 - Tissue/Towel Converting Operations Fugitives

- 727 [40 CFR 63.829(e)(2)] Total volume and content of Organic HAP recordkeeping by electronic or hard copy monthly. Maintain for five years and make available upon request of DEQ or EPA. [40 CFR 63.829(e)(2)]
- Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.829(b) through (f), as applicable. Subpart KK.

UG 0008 131 - PC/Coal Storage Pile Fugitives

- 729 [LAC 33:III.501.C.6] Place markers around the parameter of the pile delineating 4.55 acres. The storage pile shall not exceed the delineated boundary. The boundary, which controls one of the parameters used to demonstrate compliance, will ensure the project does not exceed the PSD trigger of 15 tons per year.

UG 0010 139 - Limestone Storage Pile Fugitives

- 730 [LAC 33:III.501.C.6] Place markers around the parameter of the pile delineating 2.32 acres. The storage pile shall not exceed the delineated boundary. The boundary, which controls one of the parameters used to demonstrate compliance, will ensure the project does not exceed the PSD trigger of 15 tons per year.

IRP 0003 76 - Recovery Furnace Emission Cap

Group Members: EQT 0092EQT 0093

- 731 [LAC 33:III.501.C.6] Black Liquor Solids Throughput < 1.216 MM Tons black liquor solids/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the firing rate of black liquor solids exceeds the maximum listed in this specific condition for any twelve consecutive month period.
Which Months: All Year Statistical Basis: None specified
Black liquor solids: Equipment/operational data monitored by technically sound method monthly.
- 732 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: Monthly total
Submit report: Due annually, by the 31st of March. Report the total black liquor solids fired for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 733 [LAC 33:III.507.H.1.a] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total black liquor solids fired each month, as well as the total black liquor solids fired for the last twelve months. Make records available for inspection by DEQ personnel.

IRP 0005 104 - Lime Kiln Emissions Cap

Group Members: EQT 0097EQT 0098

SPECIFIC REQUIREMENTS**AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations****Activity Number: PER20090015****Permit Number: 0840-00010-V8****Air - Title V Regular Permit Minor Mod****0005 104 - Lime Kiln Emissions Cap**

[LAC 33:III.501.C.6]

Lime Throughput < 162500 Tons lime/year. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the lime throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual total

[LAC 33:III.507.H.1.a]

Lime Throughput monitored by technically sound method monthly.

Which Months: All Year Statistical Basis: Monthly total

[LAC 33:III.507.H.1.a]

Submit report: Due annually, by the 31st of March. Report the total lime throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

[LAC 33:III.507.H.1.a]

Lime Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total lime throughput each month, as well as the total lime throughput for the last twelve months. Make records available for inspection by DEQ personnel.

0015 164 - Boilers 1, 5, & 6 Emission Cap

p Members: EQT 0099 EQT 0100 EQT 0109

[40 CFR 52.]

After achieving normal operation of the No. 6 CFB Boiler, the boilers in this group shall operate in compliance with the emission rates listed on a cumulative 12-month basis. Emissions will be calculated monthly using CEM data where available and heat input data where CEM data are not available. Emissions will be summed monthly to determine the 12-month cumulative totals, and records of monthly and 12-month cumulative emissions shall be maintained on site.

: 0001 Entire Facility - Port Hudson Operations

[40 CFR 60.]

[40 CFR 63.454]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.454(a) through (f), as applicable. Subpart S.

[40 CFR 63.455(a)]

[40 CFR 63.864(k)(1)]

Comply with the reporting requirements of 40 CFR 63 Subpart S, Table I. Subpart S, [40 CFR 63.455(a)] Implement corrective action, as specified in the startup, shutdown and malfunction plan prepared under 63.866(a), if the monitoring exceedances in 40 CFR 63.864(k)(1) through (k)(1)(vi) occur. Subpart MM, [40 CFR 63.864(k)(1)]

[40 CFR 63.866(a)]

[40 CFR 63.866(b)]

Develop and implement a written startup, shutdown, and malfunction plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), include the requirements in paragraphs 40 CFR 63.866(a)(1) and (2). Subpart MM, [40 CFR 63.866(a)]

[40 CFR 63.866(c)]

[40 CFR 63.866(d)]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of any occurrence when corrective action is required under 40 CFR 63.864(k)(1) and when a violation is noted under 40 CFR 63.864(k)(2). Subpart MM, [40 CFR 63.866(b)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the general records required by 40 CFR 63.10(b)(2), and the information specified in 40 CFR 63.866(c)(1) through (c)(6). Subpart MM, [40 CFR 63.866(c)]

SPECIFIC REQUIREMENTS

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Air - Title V Regular Permit Minor Mod

UNF 0001 Entire Facility - Port Hudson Operations

- 747 [40 CFR 63.867(a)(1)]
Submit the applicable notifications from 40 CFR 63, Subpart A, as specified in 40 CFR 63, Subpart MM, Table 1. Subpart MM. [40 CFR 63.867(a)(1)]
- 748 [40 CFR 63.867(b)(3)]
Submit notification: Due to DEQ before any of the actions in 40 CFR 63.867(b)(3)(i) through (b)(3)(iv) are taken. Subpart MM. [40 CFR 63.867(b)(3)]
- 749 [40 CFR 63.867(b)(4)]
Submit documentation: Due before performing the actions in 40 CFR 63.867(b)(3)(i) or (ii). Recalculate the overall PM emissions limit for the group of process units and resubmit the documentation required in 40 CFR 63.867(b)(2) to the DEQ. Subpart MM. [40 CFR 63.867(b)(4)]
- 750 [40 CFR 63.867(b)]
Submit the PM emissions limits determined in 40 CFR 63.865(a) and the calculation and supporting documentation used in 40 CFR 63.865(a)(1) and (a)(2) to DEQ as part of the notification of compliance status required under 40 CFR 63 Subpart A. Subpart MM. [40 CFR 63.867(b)]
- 751 [40 CFR 63.867(c)(1)]
Submit excess emissions report: Due semiannually when no exceedances of parameters have occurred. Include a statement that no excess emissions occurred during the reporting period. Subpart MM. [40 CFR 63.867(c)(1)]
- 752 [40 CFR 63.867(c)]
Submit excess emissions report: Due quarterly if measured parameters meet any of the conditions specified in 40 CFR 63.864(k)(1) or (k)(2). Include the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(1), and the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.867(c)]
- 753 [40 CFR 63]
All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart S, KK, and MM.
- 754 [LAC 33:III.1103]
Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 755 [LAC 33:III.1303.B]
Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 756 [LAC 33:III.2113.A]
Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A-1-5.
- 757 [LAC 33:III.2119]
Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 758 [LAC 33:III.501.C.6]
Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit.
- 759 [LAC 33:III.501.C.6]
Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include 1,3-Butadiene, Butene, cis-2-Butene, trans-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, o-Xylene.
- 760 [LAC 33:III.501]
Hydrogen fluoride <= 9.09 tons/yr.
Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

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Air - Title V Regular Permit Minor Mod

: 0001 Entire Facility - Port Hudson Operations

Comply with the requirements of PSD-LA-581(M-4). This permit includes provisions of the Prevention of Significant Deterioration (PSD)

[LAC 33:III.509] review from Permit PSD-LA-581(M-4).

Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.

Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.

Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.

Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.

Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Assessment, Environmental Evaluation Division in a form specified by the department. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.

Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations"¹

Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).

Submit notification: Due to the Office of Environmental Compliance, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.Chapter 51.Table 51.1 or a reportable quantity (RQ) in LAC 33:III.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923.

Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:III.3923.

Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.1 through viii.

[LAC 33:III.509]

0 [LAC 33:III.5107.B.3]

9 [LAC 33:III.5107.B.2]

3 [LAC 33:III.5107.B.1]

9 [LAC 33:III.5107.B.2]

0 [LAC 33:III.5107.B.3]

'1 [LAC 33:III.5107.B.4]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia-Pacific Consumer Operations LLC - Port Hudson Operations

Activity Number: PER20090015

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Air - Title V Regular Permit Minor Mod

UNF 0001 Entire Facility - Port Hudson Operations

772 [LAC 33:III.5107.B.5]

Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.

773 [LAC 33:III.5109.B]

774 [LAC 33:III.5111.A]

775 [LAC 33:III.5113.A.1]

776 [LAC 33:III.5113.A.2]

777 [LAC 33:III.535]

Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112. Table 51.2. Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified.

Submit notification in writing: Due to the Office of Environmental Compliance, Surveillance Division not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up.

Submit notification in writing: Due to the Office of Environmental Compliance, Surveillance Division within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source.

Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]

Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert.

Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning.

Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency.

Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7.

Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.

Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.

Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III. Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division.

Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division within 60 days after the information in the submitted registration is no longer accurate.

Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

781 [LAC 33:III.5609.A.1.b]

778 [LAC 33:III.5609.A.2.b]

780 [LAC 33:III.5609.A.3.b]

781 [LAC 33:III.5609.A]

782 [LAC 33:III.5901.A]

783 [LAC 33:III.5907]

784 [LAC 33:III.5911.A]

785 [LAC 33:III.5911.C]

786 [LAC 33:III.919.D]